

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. Lease Designation and Serial No.

U-8344

6. If Indian, Allottee or Tribe Name

N/A

7. Unit Agreement Name

Love Unit

8. Farm or Lease Name

N/A

9. Well No.

1

10. Field and Pool, or Wildcat

Wildcat

11. Sec., T., R., M., or Blk.
and Survey or Area

Sec. 11, T 11S, R 21E

12. County or Parrish 13. State

Uintah, Utah

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

Oil Well ☐Gas Well ☒

Other

Single Zone ☐Multiple Zone ☐

2. Name of Operator

Cotton Petroleum Corporation

3. Address of Operator

717 17th Street, Suite 2200, Denver, Colorado 80202

4. Location of Well (Report location clearly and in accordance with any State requirements.)

At surface

1320' FSL & 1320' FNL

At proposed prod. zone

C/SW Sec. 11, T 11S, R 21E

14. Distance in miles and direction from nearest town or post office*

18 miles S SE of Ouray, Utah

15. Distance from proposed*

location to nearest
property or lease line, ft.
(Also to nearest drig. line, if any)

1320'

16. No. of acres in lease

2560'

17. No. of acres assigned
to this well

640

18. Distance from proposed location*
to nearest well, drilling, completed,
or applied for, on this lease, ft.

19. Proposed depth

8000'

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

5692' KB

22. Approx. date work will start*

September 1, 1979

23.

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
17-1/2"	13-3/8"	48#	200'	140 sacks
12-1/4"	8-5/8"	24#	2500'	500 sacks
8-3/4"	4-1/2"	11.6#	8000'	1000 sacks, DV tool @

6400'

Drill 8000' Mesaverde test. Drill 17-1/2" surface hole to 200' with native brine water to clean hole, set 13-3/8" casing and cement to surface. Wait on cement 12 hours. Pressure test casing and BOP to 1000 psi before drilling out, test BOP operation daily and record. Drill 12-1/4" hole to 2500' with brine water to clean hole, set 8-5/8" casing with 500 sacks of cement. Wait on cement 12 hours, pressure test casing and BOP to 1000 psi before drilling out. Drill 8-3/4" hole to 8000' with brine water to 6200' and with a polymer brine water from 6200' to 8000'. Mud weight will be 9.4 to 10.4 lbs per gallon. Evaluate well by sample analysis and electric logs. Run 4-1/2" casing if a commercial well is expected.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: 2/2/82

By: elen B. Fright

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed

Title Division Production Manager

Date August 17, 1979

(This space for Federal or State office use)

Permit No.

Approval Date

Approved by

Title

Date

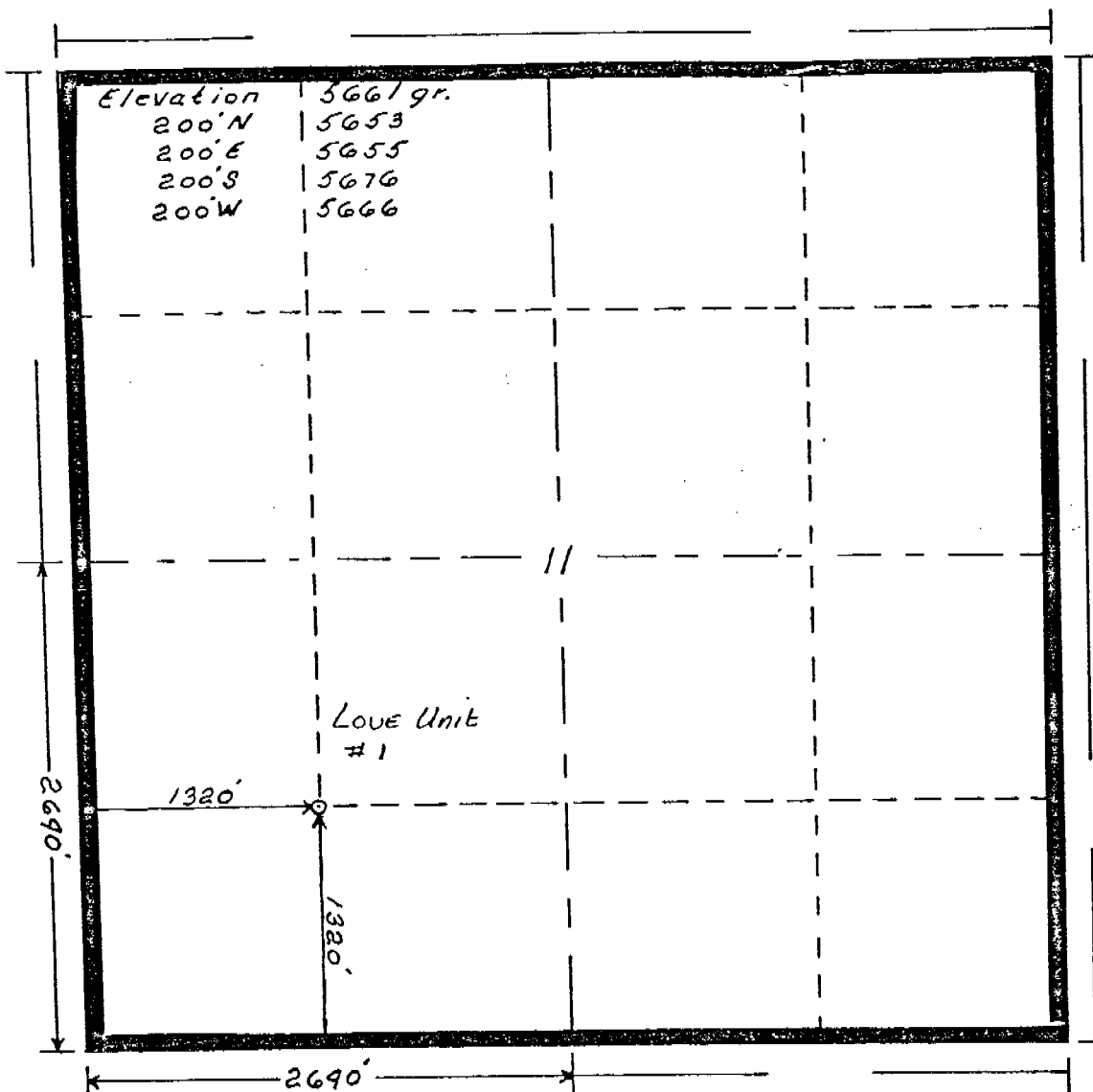
Conditions of approval, if any:



AUG 6 1979

N

R. 21 E

T.
11
S

Scale... 1" = 1000'

Powers Elevation Company, Inc. of Denver, Colorado
has in accordance with a request from Glen Garvey
for Cotton Petroleum
determined the location of #1 Love Unit
to be 1320' F.S.L. & 1320' F.W.L. Section 11 Township 11 S
Range 21 E Salt Lake Meridian
Uintah County, Utah

I hereby certify that this plat is an
accurate representation of a correct
survey showing the location of

#1 Love Unit

Date: 7-29-79

T. Nelson
Licensed Land Surveyor No. 2711
State of Utah

32°30"

25

26

27

28 100 FEET



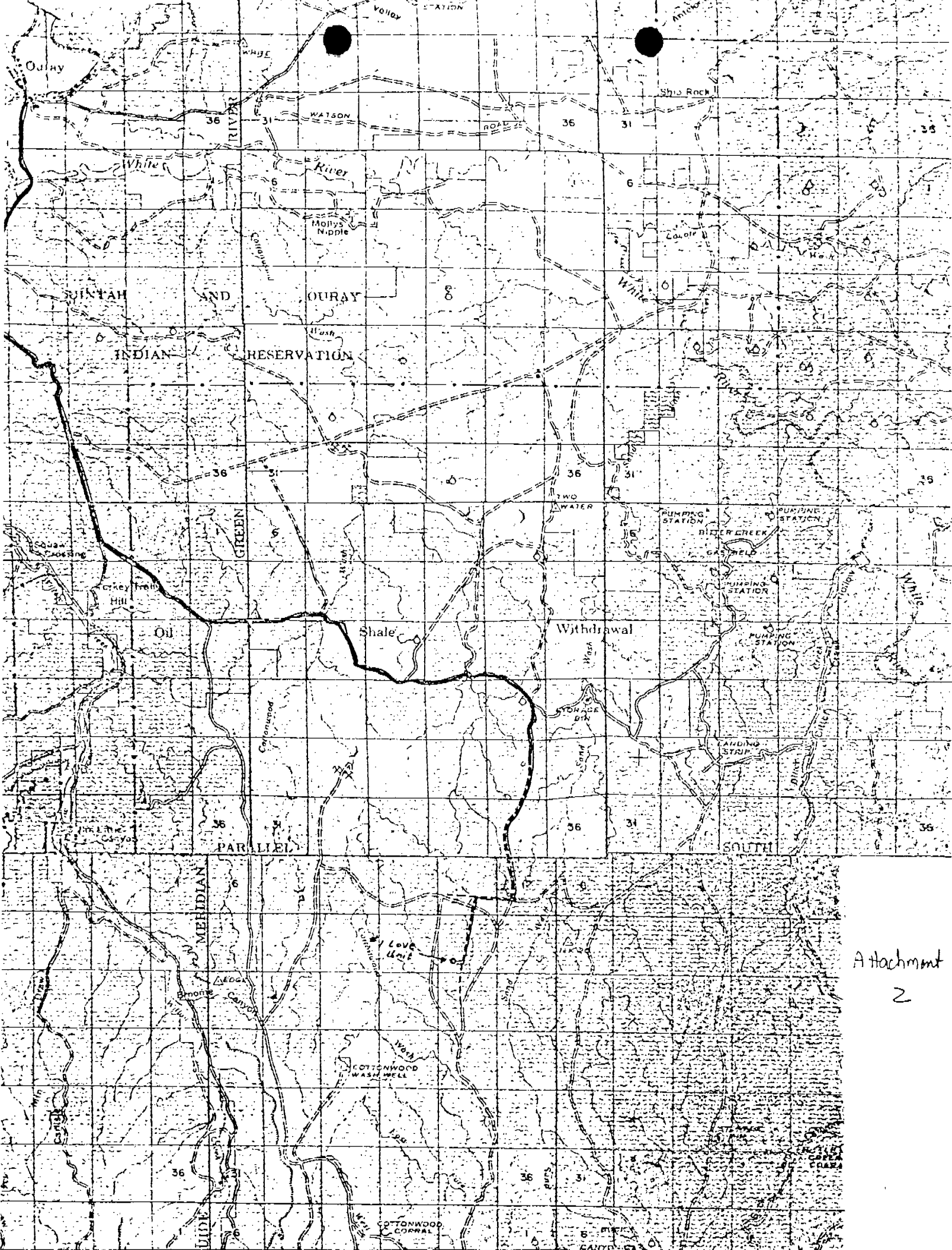
Sheep
Hole
Camp

COTTON PETROLEUM
#1 Love Federal

SW/NE/SW Sec. 11, T11S, R21E
Uintah County, Utah

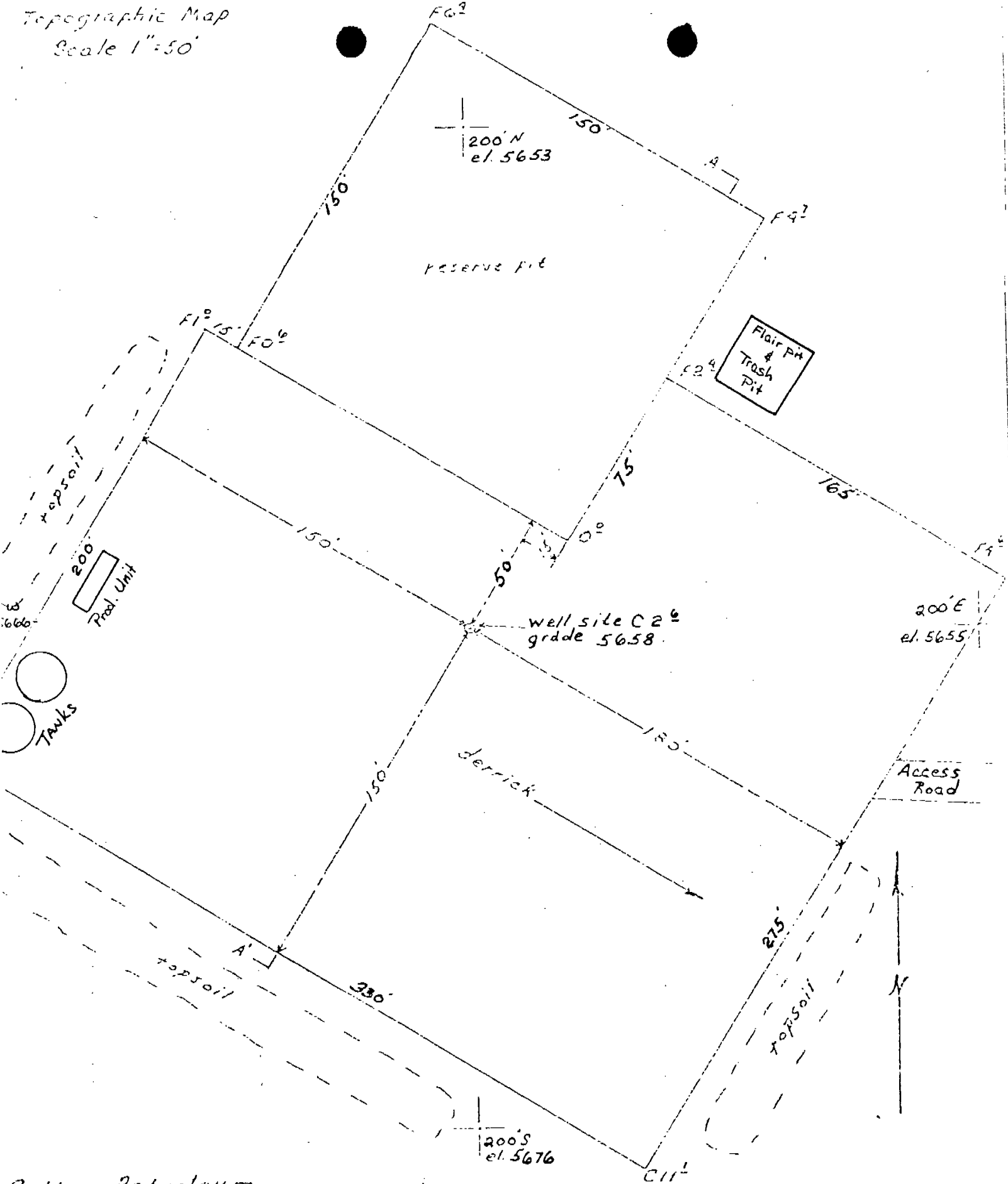
Big Pack Mtn.
7.5 min. USGS quad.





Attachment
2

Topographic Map
Scale 1"=50'



Cotton Petroleum
#1 Love Unit
1320' F.S.L. & 1320' F.W.L.
Sec. 11 T11^S R21^E
Uintah Co., Utah

Attachment #5

by: Bill Love 7-24-79
Powers Elevation

Department of the Interior
Bureau of Land Management
Utah State Office

BLM Report No.

Attachment 5
10Report Acceptable Yes ☐ No ☐Mitigation Acceptable Yes ☐ No ☐

Comments:

Summary Report of
Inspection for Cultural Resources

Cultural Report or Project # 11 Love Federal

Development Company Cotton Petroleum Company

BLM Mini Permit No. 41 45

4. BLM Antiquities Permit No. 79-UT-028

Report Date 6 August 1979 6. Field Work Dates 2 August 1979

Responsible Institution Plowers Elevations

Fill in spaces 81, 85, 93, 97 only if:
V = Vernal Meridian
H = Half TownshipFieldwork Location: TWN 78 81 Range 82 85 Section(s) 86 87 88 89
TWN 111 S Range 121 E Section(s) 111 SW

Resource Area BIC Other:

Hintah
CountyBO = Bonneville, WA = Wasatch, HR = House Range, WS = Warm Springs,
SE = Sevier River, HM = Henry Mtns., SR = Beaver River, DX = Dixie,
KA = Kanab, ES = Escalante, SJ = San Juan, GR = Grand, PR = Price River,
SR = San Rafael, DM = Diamond Mountain, BC = Book Cliffs.

Description of Examination Procedures:

A total of 40 acres surrounding the well pad's center stake was surveyed using parallel E-W transects at intervals of 60 feet. The 800 feet of new access was covered with two transects, one on each side of the center line, to a distance of 50 feet (each side).

Linear Miles Surveyed 0.15
and/or
Definable Acres Surveyed 104 112
and/or
Legally Undefinable Acres 113 121
Surveyed 122 130

12. Inventory Type I

R = Reconnaissance
I = Intensive
S = Statistical Sample

(*A parcel hard to cadastrally locate i.e., center of section)

Description of Findings (attach appendices, if appropriate)

No prehistoric cultural material was observed during the survey of the 40 acres. However, a sheep camp was discovered within the survey limits. It is historic/modern in origin but will not be impacted by the 200' limits of the well pad development.

14. Number Sites Found: 132

15. Collection: Y = Yes, N = No

Actual/Potential National Register Properties Affected:

A file search conducted by the State Division of History shows no recorded sites within the area.

Conclusion/Recommendations:

Cultural resource clearance is recommended for the above location with the stipulation that if cultural material is uncovered during construction that work must stop and the BLM District archaeologist be notified.

Signature of person in direct charge of field work: Brian O'Neil

Signature and Title of Institutional Officer Responsible

11/1/79

AUG 8 1979



POWERS ELEVATION COMPANY, INC.
ARCHAEOLOGICAL DIVISION
Complete Archaeological Consulting Services

P.O. Box 1199
Eagle, Colorado 81631
303-328-7374

6 August 1979

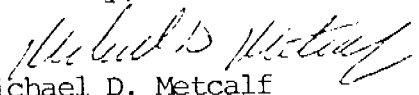
Glen Garvey
Cotton Petroleum
717 17th. St. Ste. 2200
Denver, Colo. 80264

Dear Mr. Garvey:

Enclosed is the Powers Elevation Company's archaeological survey report on Cotton Petroleum's #1 Love Federal for your review and file. Cultural resource clearance has been recommended for this location and its access.

If you have any questions on this report please feel free to contact this office at your convenience.

Sincerely,


Michael D. Metcalf
Division Manager

MDM/sjm

cc: Nancy Coulam, BLM District Archaeologist, Vernal
Bookcliff Resource Area, Vernal
Dr. David B. Madson, Utah State Archaeologist, Salt Lake City
Powers Elevation Co., Denver
Richard Fike, BLM State Archaeologist



August 3, 1979

District Engineer
U.S. Geological Survey
8440 Federal Building
125 S. State
Salt Lake City, Utah 84138

RE: Love Unit #1
C SW Sec 11, T 11S, R 21E
Uintah County, Utah
NTL-6 Information for APD

Dear Sir:

1. Surface Formation - Tertiary/Uinta
2. Estimated Tops: Wasatch 4100'
 Mesaverde 6400'
3. Estimated Depth of Fluids or Hydrocarbons:
 - a. Surface waters: above 2500'
 - b. Wasatch: gas and condensate
 - c. Mesaverde: gas and condensate
4. Surface Casing: approximately 200' of 13-3/8" H40, 48#, new, cemented with 200 sacks regular cement plus lost circulation material and calcium chloride.

Intermediate Casing: approximately 2500' if required of 8-5/8", J-55 24# new, cemented with 500 sacks of Pozmix cement with thinner/retarder, fluid loss, and lost circulation additive.

Long String of Casing: 4-1/2", 11.6# N-80 new cemented with 1000 sacks Pozmix cement with thinner/retarder, fluid loss and lost circulation additives, in two stages with DV tool at 6400'.
5. Wellhead Equipment (see Attachment#1)
 - a. 3000# W.P., 6000# test series, 900 casing head and double ram blow-out preventer.
 - b. Nominal 10" casing head and blow-out preventer with 10" flanges.
 - c. See Attachment #1 for 2" fill-up flare line hookup.
 - d. Pressure test wellhead, blow-out preventer, and surface casing to 1000 psig for 30 minutes with maximum 100 psig loss of pressure prior to drilling out from under surface casing.

- a. Test operate pipe rams once each twenty-four hours and both pipe rams and blind rams each trip out of hole, and record on driller's tour report.

6. Drilling Fluid:

- a. Surface hole: Native brine water, wt. 8.5-8.6, vis 30-35
- b. Under surface to 2500': Brine water, wt. 9.0-9.5, vis 32-38
- c. 2500'-6200': Brine water as in "b" above
6200'-8000': Brine water with additives to obtain the following properties: wt. 9.4-10.4, vis 32-38, wl 5-15 c.c.
- d. 400 barrel steel surface pits
- e. No formation gradient higher than 0.5 psi per foot is expected.

7. Auxiliary Equipment:

At top of Wasatch, the following equipment will be installed:

- a. Rotating Head
- b. Stabbing sub and full opening valve on the floor

8. Testing and Logging:

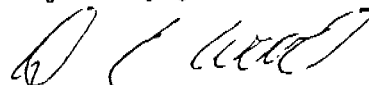
All potential reservoirs listed in "3" above will have drill cuttings and mud examined by a wellsite geologist for shows of oil and gas. An electric logging program of Induction-Laterlog/SP, Gamma Ray/Caliper and CNL-FDC will be run for depth control of all formations, porosity and saturation determinations. A DST of the Mesaverde will be used if additional evaluation is required. Completion attempt will be made in the Mesaverde with a fracture stimulation.

9. Pressures and Temperatures:

No abnormal pressures or temperatures have been encountered in nearby wells. No hydrogen sulfide has been found in daily mud checks or produced fluids.

10. The well will be started on approximately 9/1/79 and will require six weeks for drilling plus required time for evaluation of potential reservoirs (testing, logging) and any difficulties encountered by the drilling rig.

Very truly yours,



D. E. Wood
Division Production Manager



Surface Use & Operations Plan:

1. Existing Roads:

Access from the Town of Ouray is shown on the attached drainage map (Attachment #2). The route to the well is color-coded in red and described on Attachment #3. The lease road will require upgrading to full load capacity, no additional road preparation is needed during operations except for road grading.

2. Access Roads:

1000 feet of road construction is proposed for the drilling operation. During drilling, the access road will be improved consistent with the existing lease roads; single lane, 16' width, 10% max. grade, drainage ditch on uphill side, 4:1 slope with diversion away from the road as required on downhill slope exceeding 2% grade.

3. Location of Existing Wells:

All existing wells are shown on the topograph map on Attachment #4.

4. Location of Existing and/or Proposed Facility:

There are no tank batteries, production facilities or lease pipelines on the lease. If production is encountered, tank batteries and production equipment will be located at the Northwest edge of the well mat and fenced. All flow lines are to be constructed on the well mat on top of the ground (refer to Attachment #5 for tank battery location in reference to the well). In the event the well is non-productive, all unused portions of the well pad will be restored to natural conditions.

5. Water Supply:

Water for drilling the subject well will be supplied and trucked from Ouray.

6. Construction Materials:

All road and location material will be found on location.

7. Methods of Handling Waste Disposal:

Well cuttings will be disposed in a reserve pit. Garbage will be collected in pits fenced with small mesh wire during drilling and completion procedures. All detrimental waste will be hauled away, burned or buried with a minimum coverage of 24" of dirt (see Attachment #5 for location of trash pits). If well is productive, maintenance waste will be placed in special trash cans and hauled away periodically. Any produced water will be collected in tanks until hauled to an approved disposal system. No waste water pits will be constructed without prior approval of U.S.G.S. Human wastes will be collected in a sanitary toilet facility with wastes being buried in a pit with a minimum coverage of 24" of dirt.

8. Ancillary Facilities:

Temporary living trailers will be located on the Southwest edge of the well pad. This will include trailers for the rig tool pusher, the consulting engineer and the mud loggers.

9. Wellsite Layout:

Refer to Attachment #5 for direction orientation access.

- a. Mat Size - 275 x 330
- b. Cut and Fill - (see Attachment #6 for cut and fill)
- c. Surface - Will be bladed, watered, and compacted.
- d. Reserve Pit - Will be 150 x 150 joining well mat on the North.
- e. Drillsite Layout - Attachment #5 shows position of mat reserve pits, trash pits, and mud pits in relation to well. Rig will be erected with V-Door looking Southeast.
- f. Center line of planned access road has been staked and a 400' square around wellsite has been staked with flags at each corner.

10. Restoration of Surface:

If well is productive, pits will be back-filled and leveled as soon as drying permits. All plastic waste material will be removed or buried with at least 24" of cover. At the time of final abandonment, the roadway as well as pad will be restored to natural conditions.

11. Other Information:

- a. Topography - Land is gently sloping to the Northeast as shown by the topographic map in Attachment #2.
- b. Soil - The soil is very shallow, rocky top soil.
- c. Vegetation - The vegetation is generally sparse and consists primarily of native grasses. Wildlife in the area is that typical of semi-arid land which includes coyotes, rabbits, rodents, reptiles, and quail. The area will be reseeded after drilling is complete.
- d. Ponds and Streams - There are no rivers, streams, lakes or ponds in the area.
- e. Residences and Other Structures - There are no buildings of any type within a radius of 2 miles of the proposed well.
- f. Surface Use - Grazing and hunting.
- g. Effect on Environment - Drillsite is located in a low environmental risk area. A total effect in drilling and producing this and other wells in this area would be minimal.
- h. Surface Ownership - The proposed drillsite is on federal surface. All proposed roads are on federal surface.
- i. Open Pits - All pits containing mud or other liquids will be fenced. Reserve pits will be fenced on three sides during drilling and the fourth side afterwards.
- j. Well Signs - Signs identifying and locating the well will be maintained at drillsite commencing with the spudding of the well.

12. Operator's Representatives:

Field personnel who can be contacted concerning compliance with the surface use plan are as follows:

Gary Cooper
P. O. Box 280
Wamsutter, Wyoming
phone
Mobile:

(307) 324-7866
(307) 682-5603

D. E. Wood
Denver, Colorado
office phone:
home phone:

(303) 893-2233
(303) 773-2722

Steve Zamets
Denver, Colorado
office phone:
home phone:

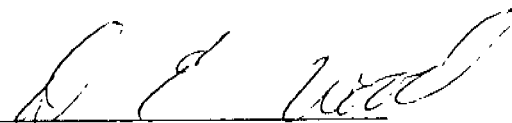
(303) 893-2233
(303) 794-0494

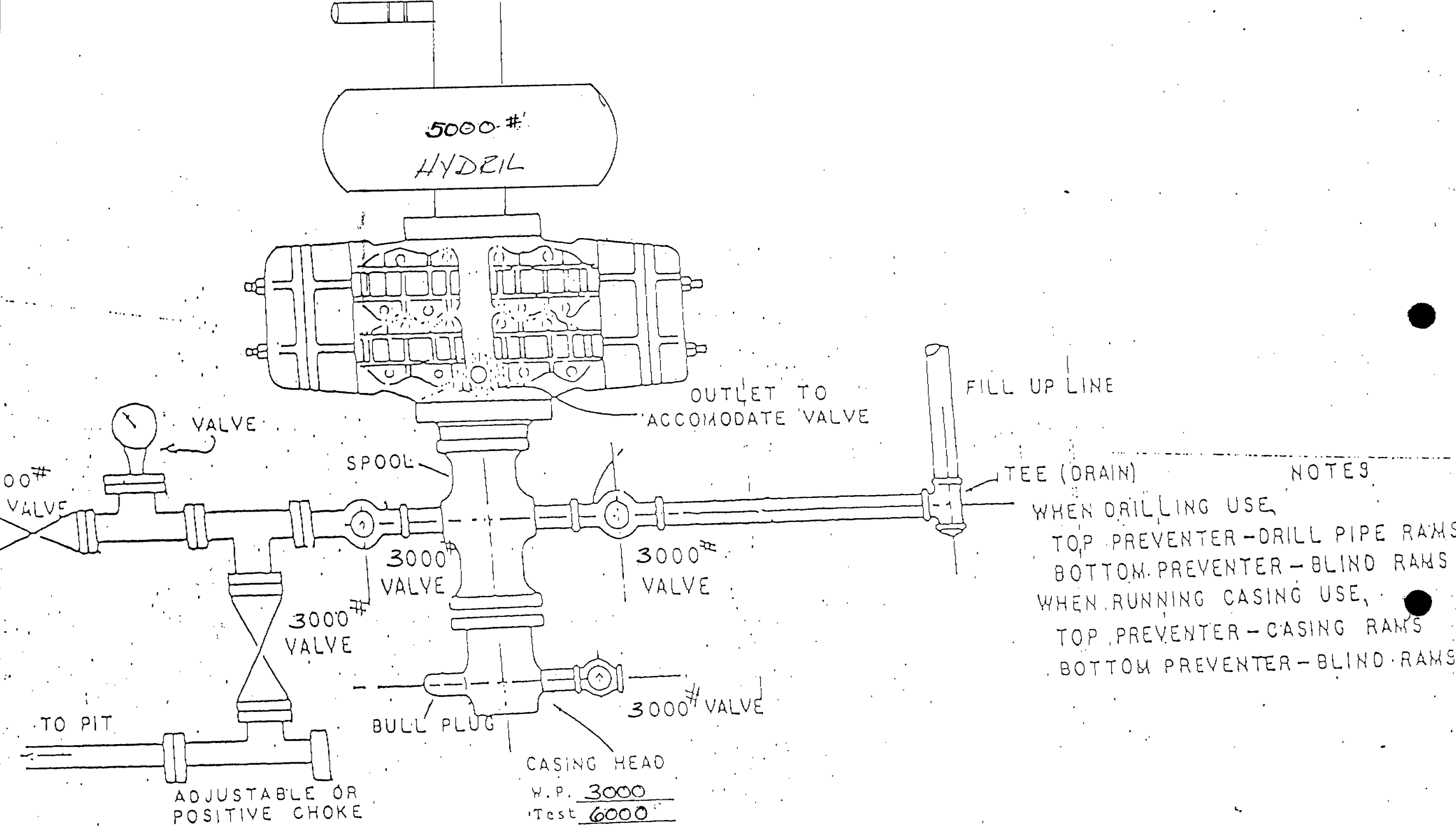
Glenn Garvey
Denver, Colorado
office phone:
home phone:

(303) 893-2233
(303) 979-3714

13. Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Cotton Petroleum Corporation, Mercury Drilling Co., and subcontractors in conformity with this plan and the terms and conditions under which it is approved.


D. E. Wood
Division Production Mgr.



Cross. Section

Scale

Horiz. 1"=50'

Vert. 1"=20'

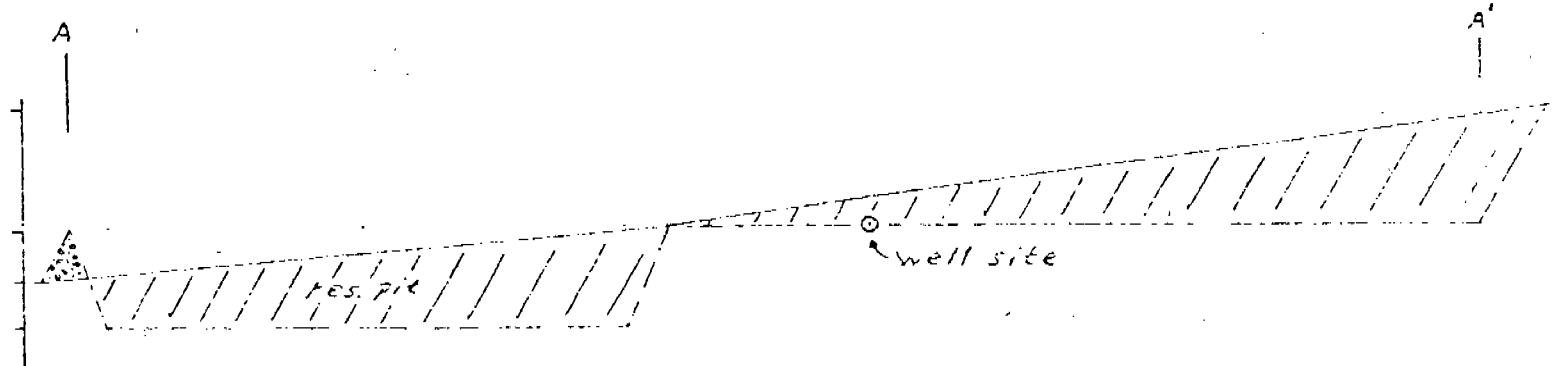
Legend

— orig. surface

- - - grade

||||| cut

||||| fill



Cotton Petroleum
#1 Love Unit
1320' F.S.L. & 1320' F.W.L.
Sec. 11 T11S R21E
Uintah Co., Utah

Attachment #6
by: Bill Hine 7-29-79
Powers Elevation

Cotton Petroleum

#1 Love Unit

1320' F.S.L. & 1320' F.W.L.

Sec. 11 T11^S R21^E

Uintah Co., Utah

Access Road

The distance from Ouray, Utah to the proposed site is 23.0 miles. From Ouray, proceed south on paved road a distance of 6.7 miles to the end of the pavement; thence continuing south on gravel road a distance of 1.8 miles to a junction; thence southeast, continuing on gravel road a distance of 2.3 miles to a junction; thence east, continuing on gravel road a distance of 3.8 miles to a junction; thence continuing east on gravel road a distance of 2.1 miles to the C.T.C. Natural Buttes Unit graded access road; thence south a distance of 1.1 miles; thence continuing south on a trail which will require upgrading a distance of 2.6 miles; thence west, continuing on trail a distance of 0.5 mile; thence south, continuing on trail a distance of 0.9 mile to the point where the new access road will begin; thence west a distance of 0.2 mile to the location.

Attachment 3

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

**** FILE NOTATIONS ****

Date: August 23, 1979

Operator: Cotton Petroleum Corporation

Well No: Love Unit #1

Location: Sec. 11 T. 11S R. 21E County: Uintah

File Prepared: ☐

Entered on N.I.D.: ☒

Card Indexed: ☒

Completion Sheet: ☒

✓ API Number: 43-047-30617

CHECKED BY:

Administrative Assistant: _____

Remarks:

Petroleum Engineer: Cannot drill 8 3/4" hole thru 8 5/8" log otherwise log. & BOP on - 4m

Remarks:

Director: Unit has been approved

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. _____

Surface Casing Change ☐
to _____

Rule C-3(c), Topographic exception/company owns or controls acreage
within a 660' radius of proposed site ☐

O.K. Rule C-3 ☐

O.K. In _____ Unit

Other:

☒ Letter Written/Approved

Wtm

plotted on map

Unit approval

get copy

September 20, 1979

Cotton Petroleum Corporation
717 17th Street, Suite 2200
Denver, Colorado 80202

Re: Well No. Love Unit #1
Sec. 11, T. 11S, R. 21E.,
Uintah County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify one of the following:

MICHAEL T. MINDER
Geological Engineer
Office: 533-5771
Home: 876-3001

FRANK M. HAMNER
Chief Petroleum Engineer
Office: 533-5771
Home: 531-7827

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-047-30617.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder
Geological Engineer

/b:tm

cc: USGS

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒OTHER ☐SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Cotton Petroleum Corporation

3. ADDRESS OF OPERATOR

717 17th Street, Suite 2200, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

C/SW Sec. 11, T 11S, R 21E *NE SW 306 17 (1/4 tr)*
At proposed prod. zone *1340' FSL & 1340' FUL*

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

18 miles S SE of Ouray, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any) 1320'

16. NO. OF ACRES IN LEASE

2560'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

640

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

8000'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5692' KB

22. APPROX. DATE WORK WILL START*

September 1, 1979

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48#	200'	140 sacks
12-1/4"	8-5/8"	24#	2500'	500 sacks
8-3/4"	4-1/2"	11.6#	8000'	1000 sacks, DV tool @ 6400'

Drill 8000' Mesaverde test. Drill 17-1/2" surface hole to 200' with native brine water to clean hole, set 13-3/8" casing and cement to surface. Wait on cement 12 hours. Pressure test casing and BOP to 1000 psi before drilling out, test BOP operation daily and record. Drill 12-1/4" hole to 2500' with brine water to clean hole, set 8-5/8" casing with 500 sacks of cement. Wait on cement 12 hours, pressure test casing and BOP to 1000 psi before drilling out. Drill 8-3/4" hole to 8000' with brine water to 6200' and with a polymer brine water from 6200' to 8000'. Mud weight will be 9.4 to 10.4 lbs per gallon. Evaluate well by sample analysis and electric logs. Run 4-1/2" casing if a commercial well is expected.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

TITLE Division Production Manager DATE August 8, 1979

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

ACTING DISTRICT ENGINEER

DATE

OCT 02 1979

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY

*See Instructions On Reverse Side

NOTICE OF APPROVAL

Utah State oil & gas

FROM: : DISTRICT GEOLOGIST, E, SALT LAKE CITY, UTAH *

TO : DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-8344

OPERATOR: Cotton Petroleum Corporation

WELL NO. Love Unit #1

LOCATION: $\frac{1}{2}$ $\frac{1}{2}$ SW $\frac{1}{2}$ sec. 11, T. 11 S., R. 21 E., SIM

Uintah County, Utah

1. Stratigraphy: Operator projected tops appear reasonable

2. Fresh Water: Fresh water likely in Uinta formation and the upper Green River Fm. to a depth of 1500'±

3. Leasable Minerals: Oil shale beds likely in the Mahogany zone in the Green River Formation 1500-2000'

4. Additional Logs Needed: APD proposed logging program should be run through the Green River Formation to aid in identifying oil-shale beds.

5. Potential Geologic Hazards: Well Faith #1 same section, encountered heavy flows of brackish (15,000 ppm) water in the Green River Fm. 2200-2294.

6. References and Remarks: REF: USGS files, Salt Lake City, Utah

Signature: James E. Hodel

Date: 08-30-79

Oil and Gas Drilling

EA #515-79

United States Department of the Interior
Geological Survey
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, Utah 84138

Usual Environmental Analysis

Lease No.: U-8344

Operator: Cottonwood Petroleum Corporation Well No.: Love Unit 1

Location: ~~1320~~¹³⁴⁰ FSL & ~~1320~~¹³⁴⁰ FWL Sec.: 11 T.: 11S R.: 21E

County: Uintah State: Utah Field: Wildcat

Status: Surface Ownership: Public Minerals: Federal

Joint Field Inspection Date: September 5, 1979

Participants and Organizations:

Greg Darlington
Ron Rogers
Glenn Garvey
Doug Wood
Bud Pease
Ken Labrey

USGS - Vernal, Utah
BLM - Vernal, Utah
Cotton Petroleum Corporation
Cotton Petroleum Corporation
Pease Construction Company
An interested observer

Related Environmental Analyses and References:

(1) Unit Resource Analysis, Rainbow Planning Unit, BLM, Vernal, Utah.

Analysis Prepared by: Greg Darlington
Environmental Scientist
Vernal, Utah

Reviewed by: George Diwachak
Environmental Scientist
Salt Lake City, Utah

Date: September 7, 1979

*line pits
10-10-79 10-6-79
10-6-79*

Noted - G. Diwachak

Proposed Action:

On August 13, 1979, Cotton Petroleum Corporation filed an Application for Permit to Drill the No. Love Unit 1 exploratory well, an 8000 foot gas test of the Wasatch and Mesa Verde Formations, located at an elevation of 5692 ft. in the Center of the SW/4 Section 11 T11S, R21E on Federal mineral lands and Public surface; lease No.U-8344. There was no objection to the wellsite nor to the access road.

A rotary rig would be used for the drilling. An adequate casing and cementing program is proposed. Fresh-water sands and other mineral-bearing formations would be protected. A Blowout Preventor would be used during the drilling of the well. The proposed pressure rating should be adequate. Details of the operator's NTL-6 10-Point Subsurface Plan are on file in the U.S.G.S. District Office in Salt Lake City, Utah and the U.S.G.S. Northern Rocky Mountain Area Office in Casper, Wyoming. The 13-Point Surface Protection Plan is on file in the District Office in Salt Lake City.

A working agreement has been reached with the BLM the controlling surface agency. Rehabilitation plans would be decided upon as well neared completion; the Surface Management Agency would be consulted for technical expertise on those arrangements.

The operator proposes to construct a drill pad 200 ft. wide x 330 ft. long with another area 75 feet wide x 165 feet long adjacent to the reserve pit also to be part of the drill pad and a reserve a pit 150 ft. x 150 ft. A new access road would be constructed 16 ft. wide x .25 miles long and an existing road would be upgraded to 16 ft. wide by 4.0 miles long from a maintained road. The operator proposes to construct production facilities on disturbed area of the proposed drill pad. In the near future, plans for a gas flow line will be submitted to the appropriate agencies for approval. The anticipated starting date is upon approval and duration of drilling, testing and logging activities would be about 42 days.

Location and Natural Setting:

The proposed drillsite is approximately 18 miles south southwest of Ouray, Utah, the nearest town. A fair road runs to within 5 miles of the location. This well is a wildcat well.

Topography:

The location slopes to the northeast toward the reserve pits. A sizeable drainage is located near the edge of the proposed pits.

Geology:

The surface geology is tertiary Uinta Formation.

The soil is a sandy clay with mixed shale and sandstone gravel.

No geologic hazards are known near the drillsite.

Seismic risk for the area is minor. Anticipated geologic tops are filed with the 10-Point Subsurface Protection Plan.

Approval of the proposed action would be conditioned that adequate and sufficient electric/radioactive/density logging surveys would be made to locate and identify any potential mineral resources. Production casing and cementing would be adjusted to assure no influence of the hydrocarbon zones through the well bore on these minerals. In the event the well is abandoned, cement plugs would be placed with drilling fluid in the hole to assure protection of any mineral resources.

The potential for loss of circulation would exist. Loss of circulation may result in the lowering of the mud levels, which might permit exposed upper formations to blow out or to cause formations to slough and stick to drill pipe. A loss of circulation would result in contamination due to the introduction of drilling muds, mud chemicals, filler materials, and water deep in to the permeable zone, fissures, fractures, and caverns within the formation in which fluid loss is occurring. The use of special drilling techniques, drilling muds, and lost circulation materials may be effective in controlling lost circulation.

A geologic review of the proposed action has been furnished by the Area Geologist, U. S. Geological Survey, Salt Lake City, Utah.

The operator's drilling, cementing, casing and blowout prevention programs have been reviewed by the Geological Survey Engineers and determined to be adequate.

Soils:

No detailed soil survey has been made of the project area. The top soils in the area range from a sandy clay to a clay soil. The soil is subject to runoff from rainfall and has a high runoff potential and sediment production would be high. The soils are mildly to moderately alkaline and support the salt-desert shrub community.

Top soil would be removed from the surface and stockpiled. The soil would be spread over the surface of disturbed areas when abandoned to aid in rehabilitation of the surface. Rehabilitation is necessary to prevent erosion and encroachment of undesired species on the disturbed areas. The operator proposes to rehabilitate the location and access road per the recommendations of the Bureau of Land Management.

Approximately 2.8 acres of land would be stripped of vegetation. This would increase the erosional potential. Proper construction practice, construction of water bars, reseeding of slope-cut area would minimize this impact.

Air:

No specific data on air quality is available at the proposed location. There would be a minor increase in air pollution due to emissions from rig and support traffic engines. Particulate matter would increase due to dust from travel over unpaved dirt roads. The potential for increased air pollution due to leaks, spills, and fire would be possible.

Relatively heavy traffic would be anticipated during the drilling-operations phase, increasing dust levels and exhaust pollutants in the area. If the well was to be completed for production, traffic would be reduced substantially to a maintenance schedule with a corresponding decrease of dust levels and exhaust pollutants to minor levels. If the project results in a dry hole, all operations and impact from vehicular traffic would cease after abandonment. Due to the limited number of service vehicles and limited time span of their operation, the air quality would not be substantially reduced.

Toxic or noxious gases would not be anticipated.

Precipitation:

Annual rain fall should range from about 8" to 11" at the proposed location. The majority of the numerous drainages in the surrounding area are of a non-perennial nature flowing only during early spring runoff and during extremely heavy rain storms. This type of storm is rather uncommon as the normal annual precipitation is around 8".

Winds are medium and gusty, occurring predominately from West to East. Air mass inversions are rare. The climate is semi-arid with abundant sunshine, hot summers and cold winters with temperature variations on a daily and seasonal basis.

Surface Water Hydrology:

The drainage is to the Northeast then into Sand Wash and from there to the White River. The White River is a tributary of the Green River.

Some additional erosion would be expected in the area since surface vegetation would be removed. If erosion became serious, drainage systems such as water bars and dikes would be installed to minimize the problem. The proposed project should have minor impact on the surface water systems. The potentials for pollution would be present from leaks and spills. The operator is required to report and clean-up all spills or leaks.

Ground Water Hydrology:

Some minor pollution of ground water systems would occur with the introduction of drilling fluids (filtrate) into the aquifer. This is normal and unavoidable during rotary drilling operations. The potential for communication, contamination and comingling of formations via the well bore would be possible. The drilling program is designed to prevent this. There is need for more data on hydrologic systems in the area and the drilling of this well may provide some basic information as all shows of fresh water would be reported. Water production with the gas would require disposal of produced water per the requirements of NTL-2B. The depths of fresh water formations are listed in the 10-Point Subsurface Protection Plan. The pits would be lined. If fresh water should be available from the well, the owner or surface agency may request completion as a water well if given approval.

The pits will be lined with plastic to protect the nearby drainage wash and prevent seepage.

Vegetation:

Plants in the area are of the salt-desert-shrub types.

Proposed action would remove about 2.8es of vegetation. Removal of vegetation would increase the erosional potential and there would be a minor decrease in the amount of vegetation available for grazing.

The operator proposes to rehabilitate the surface upon completion of operations.

Wildlife:

The fauna of the area consists predominately of mule deer, coyotes, rabbits, foxes, and varieties of small ground squirrels and other types of rodents and various types or reptiles. The area is used by man for the primary purpose of grazing domestic livestock and sheep. The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

An animal and plant inventory has been made by the BLM. No endangered plants or animals are known to inhabit the project area.

Social-Economic Effect:

An on the ground surface archaeological reconnaissance would be required prior to approval of the proposed action. Appropriate

clearances would then be obtained from the surface managing agency. If a historic artifact, an archaeological feature or site is discovered during construction operations; activity would cease until the extent, the scientific importance, and the method of mitigation the adverse effects could be determined by a qualified cultural resource specialist.

There are no occupied dwellings or other facilities of this nature in the general area. Minor distractions from aesthetics would occur over the lifetime of the project and is judged to be minor. All permanent facilities placed on the location would be painted a color to blend in with the natural environment. Present use of the area is grazing, recreation, and oil and gas activities.

Noise from the drilling operations may temporarily disturb wildlife and people in the area. Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be infrequent and significantly less. If the area is abandoned, noise levels should return to pre-drilling levels.

The site is not visible from any major roads. After drilling operations, completion equipment would be visible to passersby of the area but would not present a major intrusion.

The economic effect of one well would be difficult to determine. The overall effect of oil and gas drilling and production activity are significant in Uintah County.

But should this well discover a significant new hydrocarbon source, local, state and possibly national economics might be improved. In this instance, other development wells would be anticipated, with substantially greater environmental and economic impacts.

Should the wellsite be abandoned, surface rehabilitation would be done according to the surface agency's requirements and to USGS's satisfaction. This would involve leveling, contouring, reseeding, etc., of the location and possibly the access road. If the well should produce hydrocarbons, measures would be undertaken to protect wildlife and domestic stock from the production equipment.

There are no national, state, or local parks, forests, wildlife refuges or ranges, grasslands, monuments, trails or other formally designated recreational facilities near the proposed location.

The proposed location is within the Rainbow Planning Unit. This Environmental Assessment Record was compiled by the Bureau of Land Management, the surface managing agency of the Federal surface in the area. The study includes additional information on the

environmental impact of oil and gas operations in this area and gives use recommendations. The E.A.R. is on file in the agency's State offices and is incorporated herein by reference.

Waste Disposal:

The mud and reserve pits would contain all fluids used during the drilling operations. A trash cage would be utilized for any solid wastes generated at the site and would be hauled away at the completion of the operations. Sewage would be handled according to State sanitary codes. For further information, see the 13-Point Surface Plan.

Alternative to the Proposed Action:

1). Not approving the proposed permit -- the oil and gas lease grants the lessee exclusive right to drill for, mine, extract, remove and dispose of all oil and gas deposits.

Under leasing provisions, the Geological Survey has an obligation to allow mineral development if the environmental consequences are not too severe or irreversible. Upon rehabilitation of the site, the environmental effects of this action would be substantially mitigated, if not totally annulled. Permanent damage to the surface and subsurface would be prevented as much as possible under U.S.G.S. and other controlling agencies supervision with rehabilitation planning reversing almost all effects. Additionally, the growing scarcity of gas should be taken into consideration. Therefore, the alternative of not proceeding with the proposed action at this time is rejected.

2). Minor relocation of the wellsite and access road or any special, restrictive stipulations or modifications to the proposed program would not significantly reduce the environmental impact. There are no severe vegetation, animal or archaeological-historical-cultural conflicts at the site. Since only a minor impact on the environment would be expected, the alternative of moving the location is rejected. At abandonment, normal rehabilitation of the area such as contouring, reseeding, etc., would be undertaken with an eventual return to the present status as outlined in the 13-Point Surface Plan.

3). Drilling should be allowed provided the following mitigative measures are incorporated into the proposed APD and adhered to by the operator.

- a.) A trash cage will be used instead of a burn pit and solid wastes generated at the site would be hauled away at the completion of the drilling operations.

- b.) The pits are to be lined with plastic to protect the nearby drainage.
- c.) The operator receives a threatened and endangered species clearance from the Vernal BLM.

Adverse Environmental Effects Which Cannot Be Avoided:

Surface disturbance and removal of vegetation from approximately 2.8 acres of land surface for the lifetime of the project which would result in increased and accelerated erosional potential. Grazing would be eliminated in the disturbed areas and there would be a minor and temporary disturbance of wildlife and livestock. Minor induced air pollution due to exhaust emissions from rig engines of support traffic engines would occur. Minor increase in dust pollution would occur due to vehicular traffic associated with the operation. If the well is a gas producer, additional surface disturbance would be required to install production pipelines. The potential for fires, gas leaks, and spills of oil and water would exist. During the construction and drilling phases of the project, noise levels would increase. Potential for sub-surface damage to fresh water aquifers and other geologic formations exists. Minor distractions from aesthetics during the lifetime of the project would exist. If the well is a producer, an irreplaceable commitment of resources would be made. Erosion from the site would eventually be carried as sediment in the White River. The potential for pollution to the White River would exist through leaks and spills.


Determination:

This requested action ~~does~~ does not constitute a major Federal action significantly affecting the environment in the sense of NEPA, 102 (2) (C).

OCT 02 1979

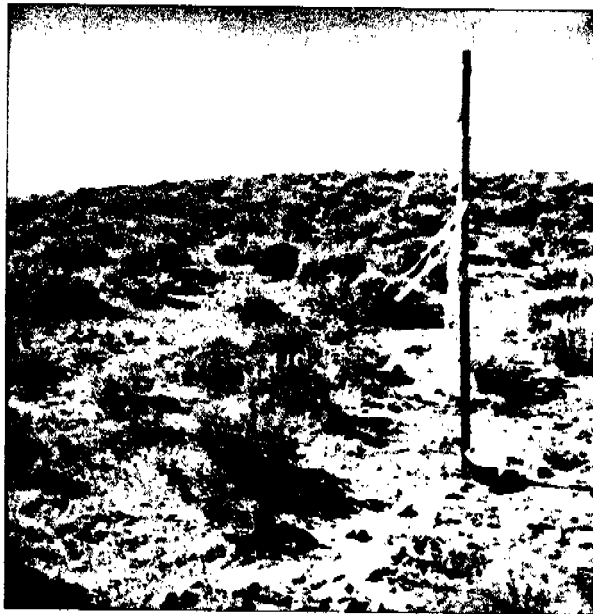
Date

ACTING


 District Engineer
 U. S. Geological Survey
 Conservation Division
 Oil and Gas Operations
 Salt Lake City District



EA 515-79 Love #1
Looking North



EA 515-79 Love #1
Looking South

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYForm Approved.
Budget Bureau No. 42-R1424

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other2. NAME OF OPERATOR
Cotton Petroleum Corporation3. ADDRESS OF OPERATOR
717 17th St., Suite 2200, Denver, Co. 80202

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: C/SW Sec. 11, T 11S, R 21E

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐CHANGE ZONES ☐ABANDON* ☐(other) Lay permanent flow line

5. LEASE U-8344	6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	7. UNIT AGREEMENT NAME Love Unit	8. FARM OR LEASE NAME N/A	9. WELL NO. 1	10. FIELD OR WILDCAT NAME Wildcat	11. SEC., T., R., OR BLK. AND SURVEY OR AREA Sec. 11, T 11S, R 21E	12. COUNTY OR PARISH Uintah	13. STATE Utah	14. API NO.	15. ELEVATIONS (SHOW DF, KDB, AND WD) 5692' KB
--------------------	---	-------------------------------------	------------------------------	------------------	--------------------------------------	---	--------------------------------	-------------------	-------------	---

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The following information is provided to supplement the sundry notice dated September 21, 1979, for a permanent flow line right of way for the Love Unit #1 well. The pipeline will be 4" Schedule 40, PEBFW, Grade A, 0.237" wall thickness, rated at 2010 psi design pressure limit. The pipeline will be pressure tested to 2400 psi using produced gas from the Love Unit #1 well. The pipeline will be painted and wrapped for corrosion control, and operate at 1000 psi. All production facilities will be located on the well pad, i.e. separator, 2 tanks and meter run. The size and type of equipment will be determined after the well is completed, and be submitted to the USGS in a sundry notice.

Subsurface Safety Valve: Manu. and Type

18. I hereby certify that the foregoing is true and correct

SIGNED

D.E. Wood / D.A. SawyerTITLE Division Prod. MgrDATE November 29, 1979

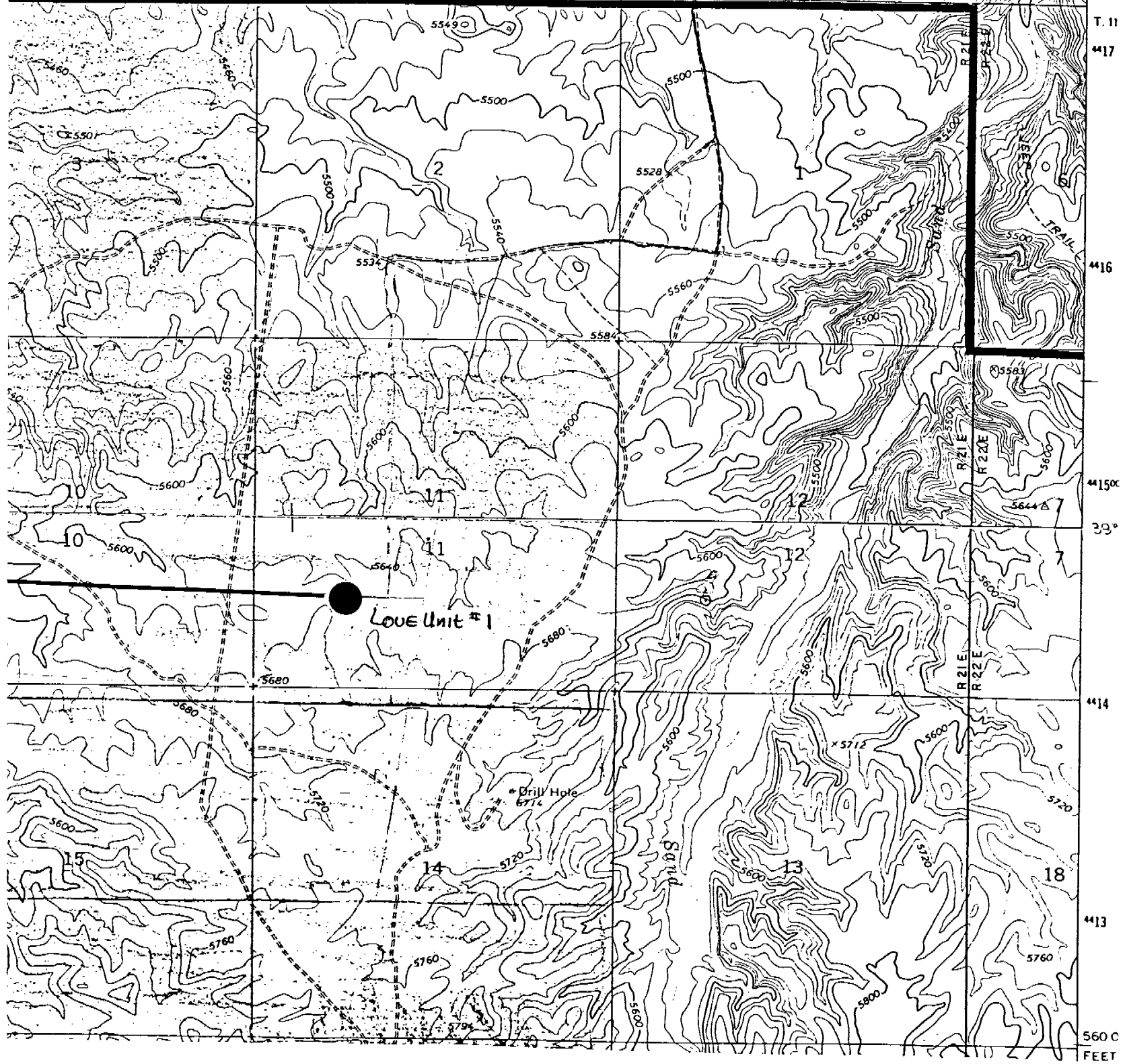
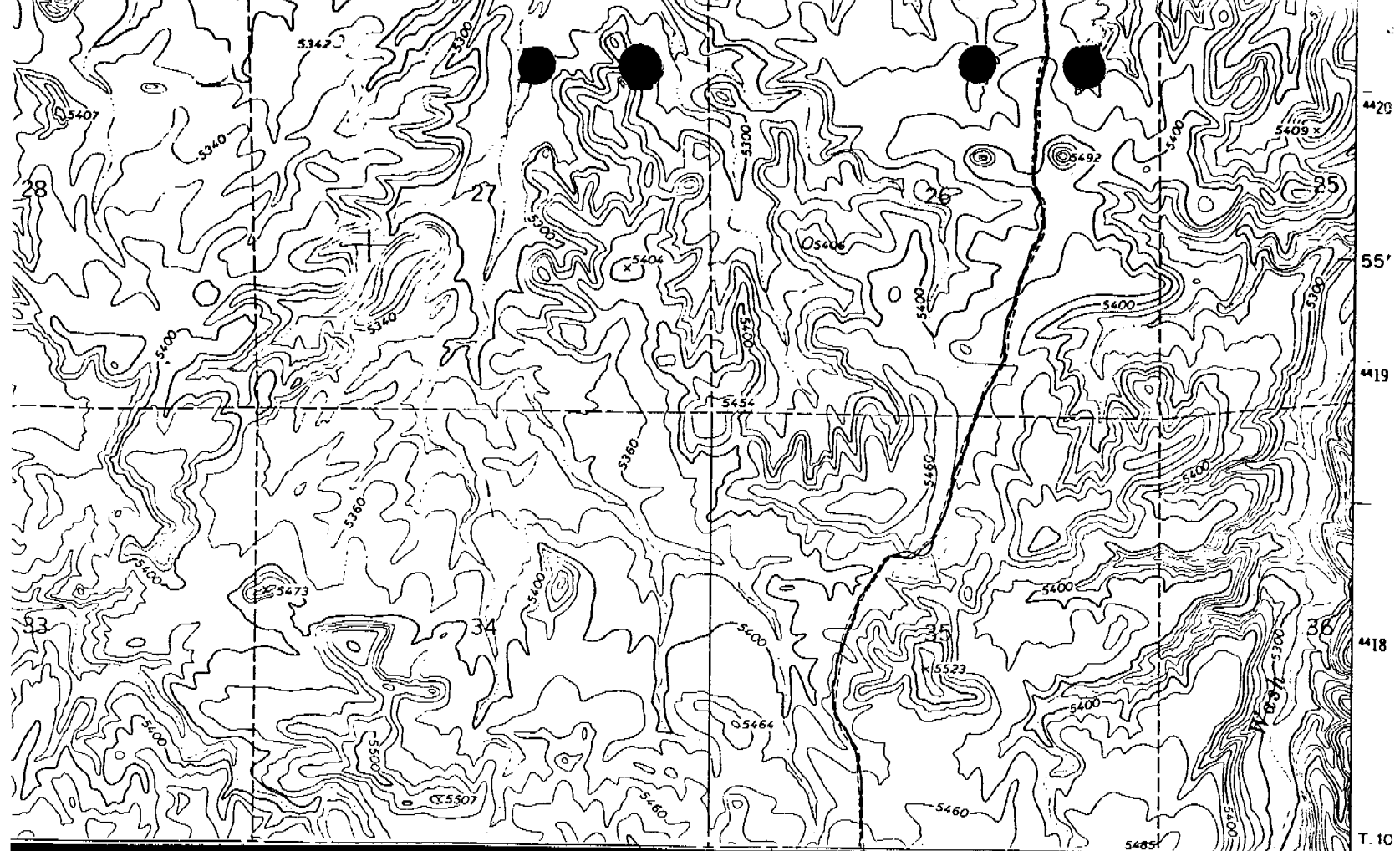
(This space for Federal or State office use)

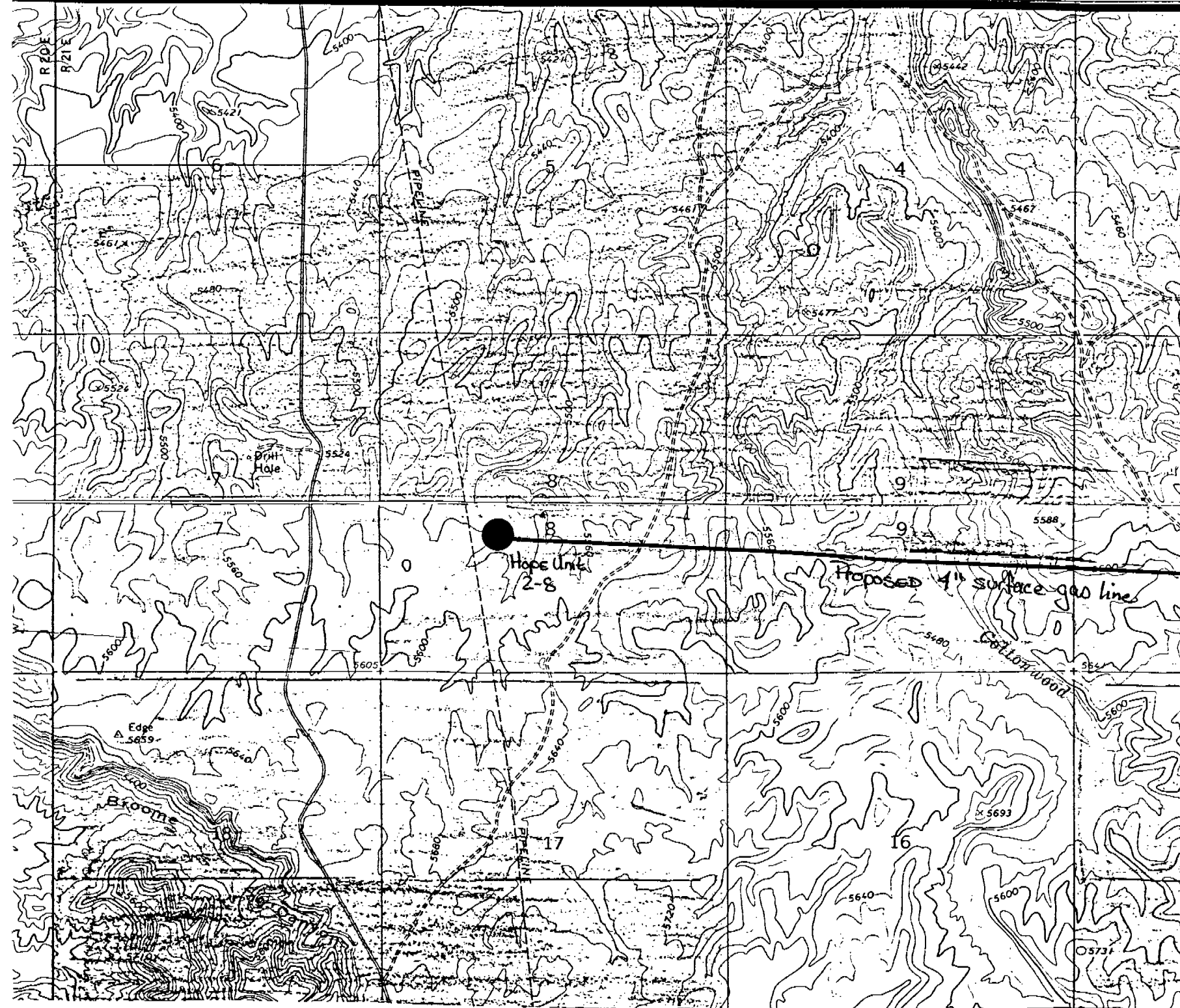
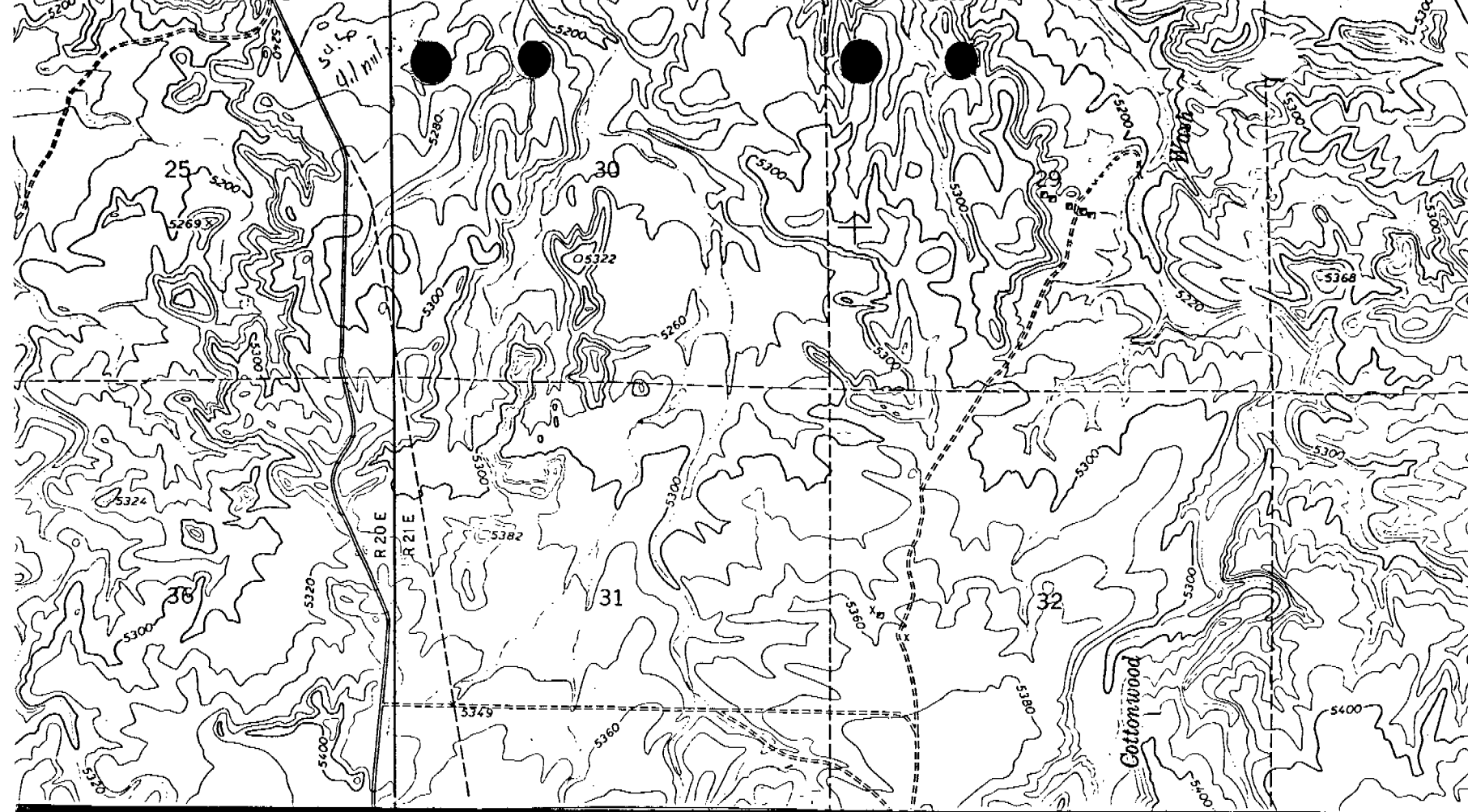
APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:





NOV 29 1979

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	Other _____		
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG-BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other _____
2. NAME OF OPERATOR Cotton Petroleum Corporation						5. LEASE DESIGNATION AND SERIAL NO. U-8344	
3. ADDRESS OF OPERATOR 717 17th Street, Suite 2200, Denver, Colo. 80202						6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface C/SW, Section 11 1340 FSL+ 1340 FWL At top prod. interval reported below At total depth						7. UNIT AGREEMENT NAME Love Unit	
14. PERMIT NO. 43-047-30617						12. COUNTY OR PARISH Uintah	
DATE ISSUED 10-2-79						13. STATE Utah	
15. DATE SPUDDED 10-31-79	16. DATE T.D. REACHED 11-29-79	17. DATE COMPL. (Ready to prod.) 1-19-80	18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 5692' KB		19. ELEV. CASINGHEAD		
20. TOTAL DEPTH, MD & TVD 8069'	21. PLUG, BACK T.D., MD & TVD 7592'	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY →	ROTARY TOOLS 0-TD	CABLE TOOLS		
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6659'-6805' Upper Mesaverde 6974'-7334' Lower Mesaverde					25. WAS DIRECTIONAL SURVEY MADE No		
26. TYPE ELECTRIC AND OTHER LOGS RUN DLL w/SP & GR, FDC-CNL w/GR & Cal, BHC Acoustic					27. WAS WELL CORED No		
28. CASING RECORD (Report all strings set in well)							
CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED	
13-3/8"	48#	342'	17 1/2"	360 sx cmt			
4-1/2"	11.6, 10.5#	8069'	7-7/8"	2005 sx cmt			
2 5/8"	24	2500	12 1/4"				
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	
					2-3/8"	6892'	
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
6659, 61, 64, 66, 70, 6734, 37, 40, 44, 56, 59, 72, 6797, 99, 6801, 05. 6979, 81, 83, 85, 7095, 7100, 03, 08, 14, 24, 7127, 7318, 20, 25, 29, 34.				DEPTH INTERVAL (MD)			
				6659-6805'			
				6974-7334'			
				AMOUNT AND KIND OF MATERIAL USED			
				122,200 wtr, 323,725# sd			
				145,700 gal wtr, 286,000# sd			
33.* PRODUCTION							
DATE FIRST PRODUCTION 1-19-80		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			WELL STATUS (Producing or shut-in) Producing		
DATE OF TEST 1-19-80	HOURS TESTED 24	CHOKE SIZE 11	PROD'N. FOR TEST PERIOD →	OIL—BBL. 1	GAS—MCF. 1122	WATER—BBL. 52	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL. 1	GAS—MCF. 1122	WATER—BBL. 52	GAS-OIL RATIO 1122000	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold						TEST WITNESSED BY D. Heath	
35. LIST OF ATTACHMENTS							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED <u>[Signature]</u>		TITLE <u>Division Production Manager</u> DATE <u>January 24, 1980</u>					

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on Items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Upper Mesaverde	6659'	6805'	
Lower Mesaverde	6974'	7334'	

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Douglas Creek	3053'	
Wasatch	3967'	
Mesaverde	6650'	

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-8348	
2. NAME OF OPERATOR Cotton Petroleum Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 717-17th Street, Suite 2200, Denver, Colorado 80202		7. UNIT AGREEMENT NAME Love Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1320' FSL & 1320' FWL Section 11-11S-21E		8. FARM OR LEASE NAME	
14. PERMIT NO.		9. WELL NO. 1-11	
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 5670.5 KB		10. FIELD AND POOL, OR WILDCAT Wildcat	
		11. SEC., T., R., M., OR B.L.E. AND SURVEY OR AREA Sec 11-11S-21E	
		12. COUNTY OR PARISH Uintah	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> SHOOT OR ACIDIZE <input checked="" type="checkbox"/> REPAIR WELL <input type="checkbox"/> (Other) <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETE <input type="checkbox"/> ABANDON* <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/>
--	---

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/> FRACTURE TREATMENT <input type="checkbox"/> SHOOTING OR ACIDIZING <input type="checkbox"/> (Other) <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> ABANDONMENT* <input type="checkbox"/>
---	---

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Cotton Petroleum Corporation request permission to set a bridge plug at 6550' KB to temporarily abandon the Mesa Verde Formation, and to perforate the Wasatch Formation at 6296' to 6312 with 2 JSPF. The Wasatch is to be broken down with 117 bbls 5% KCl water and allowed to blow back and clean up. After clean up, the Wasatch will be fracture stimulated with 110,000# of sand using gelled 2% KCl water frac.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: 7-30-80

BY: M.S. Mundy

RECEIVED
JUL 07 1980

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature]

TITLE Division Production Manager DATE 7-2-80

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-8348

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Love Unit

8. FARM OR LEASE NAME

9. WELL NO.

1-11

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLM. AND
SURVEY OR AREA

Sec 11-T11S-R21E

12. COUNTY OR PARISH

Utah

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)1. ☐ OIL
WELL ☐ GAS
WELL ☒ OTHER2. NAME OF OPERATOR
Cotton Petroleum Corporation3. ADDRESS OF OPERATOR
717 17th Street, Suite 2200, Denver, CO 802024. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

1320' FSL & 1320' FWL Section 11

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, CR, etc.)

5670.5 KB

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

X
X

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANE

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting and proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Cotton Petroleum intends to perforate and fracture treat an additional zone in the Wasatch formation in the above mentioned well.

The well is presently perforated from 5188'-5204', in the Wasatch formation. This well will be perforated at 4772'-4782' with 2 JSPF and fracture treated with 120,000 lbs of sand in 75,000 gallons of gelled water.

APPROVED BY THE DIVISION
OF OIL, GAS, AND MINING

DATE: 12/4/80

BY: M. J. Menden

RECEIVED

NOV 24 1980

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED: [Signature]

TITLE: Division Production Manager

DATE: 11-21-80

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well ☐ gas ☒ well ☐ other ☐
2. NAME OF OPERATOR
Cotton Petroleum Corporation
3. ADDRESS OF OPERATOR
717 17th Street, #2200, Denver, CO 80202
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
1320' FSL & 1320' FWL, Sec 11
AT SURFACE:
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☒
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

☐
☐
☒
☐
☐
☐
☐
☐
☐

APPROVED BY THE DIVISION
OF OIL, GAS, AND MINING

DATE:

BY:

(NOTE: Report results of multiple completion or zone
330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Cotton Petroleum perforated and fracture treated an additional zone in the
Wasatch formation in the above mentioned well.

This well was perforated at 4782'-92' with 2 JSPF and acidized with 3000
gallons of 15% HCl. After stimulation the well IP'd at 1.2 MMCFPD, 250# TP,
on a 24 ch. Cotton intends to fracture stimulate this zone at a latter date.

A Sundry to request approval to frac will be submitted in the near future.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED DE Wood TITLE Division Prod Mgr DATE February 11, 1981

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

FEB 17 1981

*See Instructions on Reverse Side

DIVISION OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ well ☐ gas well ☐ other

2. NAME OF OPERATOR
Apache Corporation

3. ADDRESS OF OPERATOR
1700 Lincoln, #4900, Denver, CO 80203-4549

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1320' FSL 1320' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐

(other) Change of Operator

SUBSEQUENT REPORT OF:

☐
☐
☐
☐
☐
☐
☐
☐

5. LEASE
U-8344-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NA

7. UNIT AGREEMENT NAME
NA 020919

8. FARM OR LEASE NAME
Love Unit

9. WELL NO.
1-11

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 11 T11S R21E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

14. API NO.
43-047-30617

15. ELEVATIONS (SHOW DF, KDB, AND WD)

(NOTE: Report results of multiple completion or some change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Change of Operator from Cotton Petroleum Corporation to

Apache Corporation, effective November 1, 1986.

JAN 05 1987

DIVISION OF
OIL, GAS & MINING

Subsurface Safety Valve: Manu. and Type

Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Charles E. Mertz TITLE Land Manager DATE February 3, 1987

This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY

TITLE _____ DATE _____



303/831-6500

February 3, 1987

U. S. Department of the Interior
Bureau of Land Management
324 South State, Suite 301
Salt Lake City, Utah 84111-2303

RECEIVED
FEB.
JAN 05 1987

DIVISION OF
OIL, GAS & MINING

Attention: Roland G. Robison
State Director

Re: Sundry Notices - Change of Operator

Gentlemen:

Enclosed in quadruplicate, are Sundry Notices indicating a Change of Operator from Cotton Petroleum Corporation to Apache Corporation, effective November 1, 1986, regarding the following wells:

#1-11 Love Unit
#4-1 Love Unit
#B2-3 Love Unit
#B-10 Love Unit
#A-18 Love Unit
#1-12 Love Unit
#1-10 Duncan Federal
#1-3 Lafkas Federal
#1-26 Barton Federal
#1-22 Pete's Wash Unit
#1-10 Hill Federal

Upon approval by the Bureau of Land Management, please furnish us a copy of the approved form.

Thank you for your consideration.

Yours very truly,

Apache Corporation

Sally A. Woodruff
Sally A. Woodruff
Contract Landman

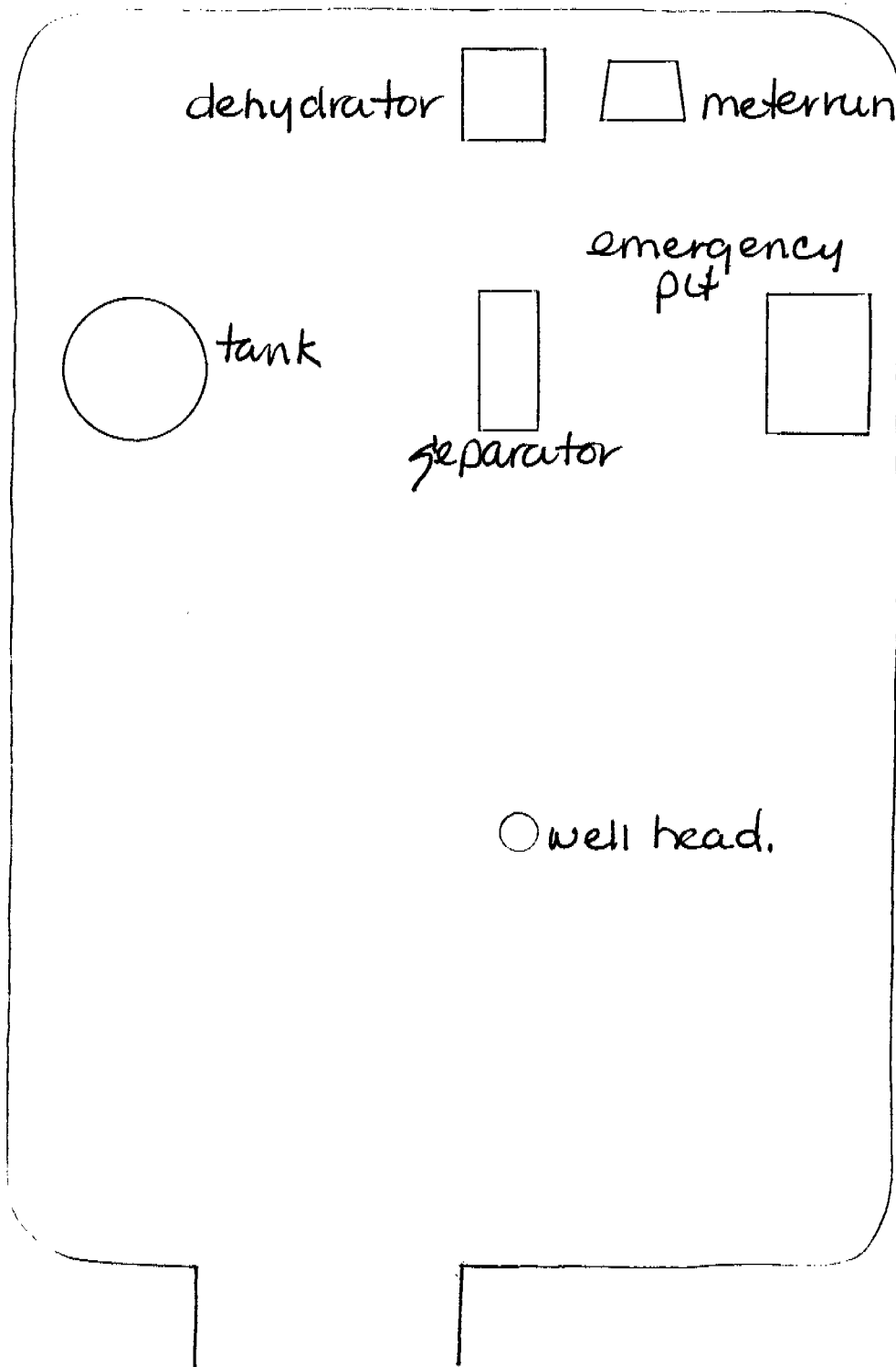
SAW/es

Enclosures

cc: State-Utah, Div. of Oil, Gas & Mining ✓
(w/enclosures)

Love U. #1 Sec 11, T11S, R21E. Kuhly 12/8/88

N ———>



STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> WELL <input checked="" type="checkbox"/> OTHER		7. UNIT AGREEMENT NAME N/A
2. NAME OF OPERATOR Apache Corporation		8. FARM OR LEASE NAME Love Unit
3. ADDRESS OF OPERATOR 1700 Lincoln, Ste. 1900, Denver, CO 80203-4519		9. WELL NO. 1-11
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1320' FSL, 1320' FWL		10. FIELD AND POOL, OR WILDCAT
		11. SEC., T., R., M., OR S.E. AND SURVEY OR AREA Sec. 11-T11S-R21E
14. PERMIT NO. 43-047-30617	15. ELEVATIONS (Show whether DT, RT, GR, etc.) 5670.5' KB	12. COUNTY OR PARISH Uintah
		13. STATE Utah

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)	<input type="checkbox"/>	(Other)	<input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).*

The above captioned well has been shut-in more than 30 consecutive days due to lack of gas market.

CPL	
JUN 1964	
JUN 1964	FILE
67	803
1-TAS	
2-	MICROFILM
3-	FILE

18. I hereby certify that the foregoing is true and correct

SIGNED Carolyn P. Hepp TITLE Engineering Technician DATE 1/3/90

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY: _____

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

6. Lease Designation and Serial Number

U-8344-A

7. Indian Allottee or Tribe Name

N/A

8. Unit or Communitization Agreement

Love Unit

9. Well Name and Number

Love Unit 1-11

10. API Well Number

43-047-30617

11. Field and Pool, or Wildcat

Love

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT— for such proposals.

1. Type of Well

☐

Oil Well

☒

Gas Well

☐

Other (specify)

2. Name of Operator

Apache Corporation

3. Address of Operator

1700 Lincoln, Ste. 1900, Denver, CO

4. Telephone Number

303/837-5000

5. Location of Well

Footage

: 1340' FSL, 1320' FWL

QQ, Sec, T., R., M. : C/SW Sec. 11-11S-21E

County : Uintah

State : UTAH

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate Date Work Will Start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Annual Status Report</u> | |

Date of Work Completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The above captioned well is currently shut-in due to lack of gas market. No future plans except for routine lease maintenance are anticipated for this well.

RECEIVED

FEB 19 1992

DIVISION OF
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name & Signature

Carolyn D. Hepp

Carolyn D. Hepp Title Sr. Engr. Tech. Date

2/14/92

(State Use Only)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT— for such proposals

6. Lease Designation and Serial Number U-8344-A
7. Indian Allottee or Tribe Name
8. Unit or Communitization Agreement Love Unit
9. Well Name and Number Love Unit 1-11
10. API Well Number 43-047-30617
11. Field and Pool, or Wildcat Love

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		9. Well Name and Number Love Unit 1-11
2. Name of Operator Apache Corporation		10. API Well Number 43-047-30617
3. Address of Operator 1700 Lincoln, Ste. 1900, Denver, CO	4. Telephone Number 303/837-5000	11. Field and Pool, or Wildcat Love
5. Location of Well Footage : 1340' FSL, 1320' FWL QQ, Sec, T., R., M. : Sec. 11-T11S-R21E County : Uintah State : UTAH		

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA																											
<p>NOTICE OF INTENT (Submit in Duplicate)</p> <table border="0"> <tr> <td><input type="checkbox"/> Abandonment</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Recompletion</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Multiple Completion</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input type="checkbox"/> Other</td> <td></td> </tr> </table>	<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other		<p>SUBSEQUENT REPORT (Submit Original Form Only)</p> <table border="0"> <tr> <td><input type="checkbox"/> Abandonment *</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input checked="" type="checkbox"/> Other <u>Change of Operator</u></td> <td></td> </tr> </table> <p>Date of Work Completion _____</p> <p>Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.</p>	<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off	<input checked="" type="checkbox"/> Other <u>Change of Operator</u>	
<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction																										
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing																										
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion																										
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize																										
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare																										
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off																										
<input type="checkbox"/> Other																											
<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction																										
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing																										
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize																										
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare																										
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off																										
<input checked="" type="checkbox"/> Other <u>Change of Operator</u>																											

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Apache Corporation sold its interest in the subject well to:

Phoenix Hydrocarbons, Inc.
P.O. Box 2802
Midland, Texas 79702

BLM Bond Number: B-01258 (Planet Indemnity Co.)

Effective January 1, 1992.

RECEIVED

JUL 20 1992

DIVISION OF
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name & Signature

Alex Nash, Jr. Title Engineering Mgr. Date 4-10-92

(State Use Only)

COPY

June 1, 1993

Phoenix Hydrocarbons Operating Corp.
415 W. Wall, Suite 703
Midland, Texas 79701

RE: Love Unit
Uintah County, Utah

Gentlemen:

On May 17, 1993, we received an indenture, whereby Apache Corporation resigned as Unit Operator and Phoenix Hydrocarbons Operating Corp. was designated as Successor Unit Operator for the Love Unit, Uintah County, Utah.

The instrument is hereby approved effective June 1, 1993. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Love Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0663 will be used to cover all operations within the Love Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/S/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Vernal (w/enclosure)
Division of Oil, Gas & Mining
Division of Lands and Mineral Operations U-942
File - Love Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron.

U-922:TAThompson:tt:06-01-93

WELL STATUS REPORTS
UTAH STATE OFFICE

INSPECTION ITEM	API NO.	WELL NUMBER	QTQT	SEC	TWN	RNG	WELL STATUS	LEASE NAME	OPERATOR
** INSPECTION ITEM 891018090A LOVE WS MV A									
891018090A	430473061700S1	1-11	NESW	11	11S	21E	TA	UTU8344A	APACHE CORPORATION
891018090A	430473063800S1	1-12	NWSW	12	11S	21E	GSI	UTU8348	APACHE CORPORATION
891018090A	430473064000S1	4-1	NWSW	4	11S	21E	TA	UTU8347	APACHE CORPORATION
891018090A	430473070600S1	A1-18	SESW	18	11S	22E	GSI	UTU8348	APACHE CORPORATION
891018090A	430473070900S1	B1-10	SESW	10	11S	21E	TA	UTU8347	APACHE CORPORATION
891018090A	430473076600S1	B2-3	SWSW	3	11S	21E	PGW	UTU8347	APACHE CORPORATION

Phoenix Hydrocarbons Operating Corp.

September 22, 1992

State of Utah
Division Of Oil, Gas & Mining
3 Triad Center, #350
Salt Lake City, UT 84180-1203

SEP 25 1992

Attention: Lisha Romero

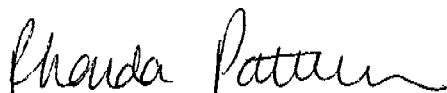
RE: Sundry Notices
Apache Acquisition/Coors Energy Acquisition

Dear Lisha:

Enclosed you will find Sundry Notices for the above mentioned wells which Phoenix Hydrocarbons has recently acquired. If you should have any questions or require additional information please call.

I did talk with Sally at the BLM-Vernal Office and she informed she did have the proper paper work (since August 1991) and would have them approved today (from Phoenix Hydrocarbons Inc. to Phoenix Hydrocarbons Operating Corp.). so keep your fingers crossed that you will have the approval soon.

Sincerely,



Rhonda Patterson

/rgp
Enclosures

Phoenix Hydrocarbons Operating Corp.

Be advised that Phoenix Hydrocarbons Operating Corp. is considered to be the operator of the following wells:

Federal 2-10HB
Lafkas 1-3
State 14-16
Love Unit Wells

and is responsible under the terms and conditions of the leases for the operations conducted on the leased lands.

Bond coverage for these wells is provided by Bond No. B01258 (Principal Planet Indemnity) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

RECEIVED

SEP. 25 1992

DIVISION OF
OIL, GAS & MINING

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1- LSC 7- YMC
2- DTS ATS
3- VLC
4- RJF
5- FILM
6- ADA

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

- ☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 1-1-92)

TO (new operator) PHOENIX HYDRO OPER CORP
(address) PO BOX 2802
MIDLAND TX 79702
RHONDA PATTERSON
phone (915) 682-1186
account no. N 9880

FROM (former operator) APACHE CORPORATION
(address) 1700 LINCOLN STE 1900
DENVER CO 80203-4520
ALEX NISH
phone (303) 837-5000
account no. N5040

Well(s) (attach additional page if needed):

***LOVE UNIT**

Name: <u>LOVE U A1-18/WSTC</u>	API: <u>43-047-30706</u>	Entity: <u>1366</u>	Sec <u>18</u> Twp <u>11S</u> Rng <u>22E</u>	Lease Type: <u>U-8348</u>
Name: <u>LOVE U B1-10/WSTC</u>	API: <u>43-047-30709</u>	Entity: <u>1366</u>	Sec <u>10</u> Twp <u>11S</u> Rng <u>21E</u>	Lease Type: <u>U-8347</u>
Name: <u>LOVE U B2-3/WSTC</u>	API: <u>43-047-30766</u>	Entity: <u>1366</u>	Sec <u>3</u> Twp <u>11S</u> Rng <u>21E</u>	Lease Type: <u>U-8347</u>
Name: <u>LOVE U #1/MVRD & WSTC</u>	API: <u>43-047-30617</u>	Entity: <u>1366</u>	Sec <u>11</u> Twp <u>11S</u> Rng <u>21E</u>	Lease Type: <u>U-8344</u>
Name: <u>LOVE U 1-12/WSTC</u>	API: <u>43-047-30638</u>	Entity: <u>1366</u>	Sec <u>12</u> Twp <u>11S</u> Rng <u>21E</u>	Lease Type: <u>U-8344</u>
Name: <u>LOVE U 4-1/WSTC</u>	API: <u>43-047-30640</u>	Entity: <u>1366</u>	Sec <u>4</u> Twp <u>11S</u> Rng <u>21E</u>	Lease Type: <u>U-8347</u>
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- See 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 7-20-92)
- See 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Reg. 8-25-92) (Rec'd 9-25-92)
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: _____
- See 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (6-10-93)
- See 6. Cardex file has been updated for each well listed above. (6-10-93)
- See 7. Well file labels have been updated for each well listed above. (6-10-93)
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (6-10-93)
- See 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- See* 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A* 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- N/A* 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- N/A* 2. A copy of this form has been placed in the new and former operators' bond files.
- See* 3. The former operator has requested a release of liability from their bond (yes/no) _____. Today's date _____ 19____. If yes, division response was made by letter dated _____ 19____.

EASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- See* 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- See* 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILED

- See* 1. All attachments to this form have been microfilmed. Date: 6-8- 19 93.

FILED

- See* 1. Copies of all attachments to this form have been filed in each well file.
- See* 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

930610 BLM/S.Y. Approved effective 6-1-93.

Phoenix Hydrocarbons Operating Corp.

December 20, 1993

State of Utah
Division of Oil, Gas, & Mining
3 Triad Center, #350
Salt Lake City, UT 84180-1203

FEB 28 1994

Attention: Lisha Cordova

RE: Change Of Operator
Sundry Notices

Dear Lisha:

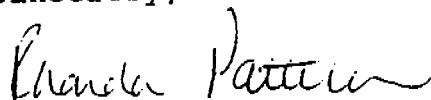
Effective January 1, 1994, Phoenix Hydrocarbons Operating Corp. will transfer all operations in Utah to Snyder Oil Corporation.

Snyder Oil Corporation is covered by Utah State Bond #582488 and Federal Bond #579354 (Guld Insurance Company).

Attached you will find a list of all wells to be Operated by Snyder Oil Corporation. Please note: all of Phoenix Hydrocarbon Operating Corp.'s well should be transferred.

If you should have any questions, please call.

Sincerely,



Rhonda Patterson

encl.

Post-it™ Fax Note

7671

Date	# of pages ▶ 3
To <i>Lisha</i>	From <i>Candy Bowman</i>
Co./Dept.	Co.
Phone #	Phone #
Fax #	Fax #

SNYDER OIL CORPORATION

1625 Broadway, Suite 2200
Denver, Colorado 80202
Phone 303-592-8579

FEB 07 1994

January 13, 1994

State of Utah
Division of Oil, Gas, & Mining
3 Triad Center, #350
Salt Lake City, UT 84180-1203

Attention: Lisha Cordova

RE: Change of Operator
Sundry Notices

Dear Ms. Cordova:

Effective January 1, 1994, Phoenix Hydrocarbons Operating Corp. will transfer all operations in Utah to Snyder Oil Corporation.

Snyder Oil Corporation is covered by Utah State Bond #582488 and Federal Bond #579354 (Guld Insurance Company).

Attached you will find a list of all wells to be operated by Snyder Oil Corporation. Please note: all of Phoenix Hydrocarbon Operating Corp.'s wells should be transferred.

If you should have any questions, please call.

Sincerely,



Steven G. Van Hook
Attorney-in-Fact

Enclosures

UTAH COUNTY

Well Name	LEASE NUMBER	API NUMBER	LOCATION
Gulf State 36-11	ML-22057	43-047-31350	SEC 36, T-8-S, R-18-E
Gulf State 36-12	ML-22057	43-047-31884	SEC 36, T-8-S, R-18-E
Gulf State 36-13	ML-22057	43-047-31346	SEC 36, T-8-S, R-18-E
Gulf State 36-22	ML-22057	43-047-31892	SEC 36, T-8-S, R-18-E
Pariette Draw 28-44	FEE	43-047-31408	SEC 28, T-4-S, R-2-W
Federal Miller #1	UTU0138484	43-047-30034	SEC 4, T-7-S, R-22-E
Woff Govt # 1	UTU075939	43-047-16609	SEC 6, T-7-S, R-22-E
McLish #1 (Walker-Hollow)	SL-066341	43-047-20280	SEC 8, T-7-S, R-23-E
McLish #2 (Walker-Hollow)	SL-066341	43-047-30011	SEC 8, T-7-S, R-23-E
McLish #3 (Walker-Hollow)	SL-066341	43-047-30027	SEC 8, T-7-S, R-23-E
McLish #4 (Walker-Hollow)	SL-066341	43-047-30030	SEC 8, T-7-S, R-23-E
Walker Hollow U-6	SL-066341	43-047-31034	SEC 8, T-7-S, R-23-E
Pari American #2	SL-066341	43-047-30038	SEC 8, T-7-S, R-23-E
Walker Hollow U-8	SL-066341	43-047-31092	SEC 8, T-7-S, R-23-E
Basar 6-1	UTU075939	43-047-31833	SEC 6, T-7-S, R-22-E
Basar 6-1	UTU075939	43-047-31834	SEC 6, T-7-S, R-22-E
Basar 6-2	UTU075939	43-047-31859	SEC 6, T-7-S, R-22-E
Southman 1-6	UTU33433	43-047-30656	SEC 6, T-10-S, R-23-E
Southman 4-4	UTU33433	43-047-30632	SEC 4, T-10-S, R-23-E
Southman 4-6	UTU33433	43-047-30633	SEC 6, T-10-S, R-23-E
East Gusher 16-1-A	UTU58097	43-047-31900	SEC 16, T-8-S, R-20-E
Coors 14-1-D	UTU65223	43-047-31304	SEC 14, T-7-S, R-21-E
East Gusher 2-1-A	ML-21181	43-047-31431	SEC 2, T-6-S, R-20-E
Madelene 4-3-C	UTU42469	43-047-32278	SEC 4, T-7-S, R-21-E
Federal 6-6-H	UTU68999	43-047-31803	SEC 6, T-7-S, R-21-E
Federal 11-1-M	UTU64376	43-047-32333	SEC 11, T-8-S, R-20-E
Flat Mesa 1-7	U-38420	43-047-30362	SEC 7, T-10-S, R-23-E
Flat Mesa 2-7	U-38420	43-047-30546	SEC 7, T-10-S, R-23-E
Crooked Canyon 1-17	U-37355	43-047-30369	SEC 17, T-10-S, R-23-E
Willow Creek 2	U-39223	43-047-31818	SEC 6, T-11-S, R-20-E
No Name Canyon 1-9	U-37355	43-047-30378	SEC 9, T-10-S, R-23-E
No Name Canyon 2-9	U-37355	43-047-31604	SEC 9, T-10-S, R-23-E
Canyon View Fed 1-18	U-38421	43-047-30379	SEC 18, T-10-S, R-23-E
Alger Pass #1	ML-36213	43-047-31824	SEC 2, T-11-S, R-19-E
Sage Hen 1-6	U-38410	43-047-30362	SEC 6, T-10-S, R-23-E
Sagebrush 1-8	U-37355	43-047-30383	SEC 8, T-10-S, R-23-E
Southman Canyon SWD 3	U-38427	43-047-16880	SEC 16, T-10-S, R-23-E
Jack Rabbit 1-11	U-38425	43-047-30423	SEC 11, T-10-S, R-23-E
Chir Edge 1-16	U-38427	43-047-30462	SEC 16, T-10-S, R-23-E
White River 1-14	U-38427	43-047-30481	SEC 14, T-10-S, R-23-E
Bitter Creek Fed 1-3	U-29797	43-047-30624	SEC 3, T-11-S, R-22-E
Lookout Point 1-16	ML-22186-A	43-047-30544	SEC 16, T-10-S, R-23-E
Pete's Flat Fed 1-1	U-40736	43-047-30658	SEC 1, T-10-S, R-23-E
Shepherdier Fed 1-10	U-38281	43-047-30559	SEC 10, T-10-S, R-23-E
NSO Fed 1-12	U-38422	43-047-30560	SEC 12, T-10-S, R-23-E
Cottonwood Wash #1	U-40729	43-047-31774	SEC 10, T-12-S, R-21-E
Willow Creek #1	U-34706	43-047-31775	SEC 27, T-11-S, R-20-E
East Bench #1	U-25880	43-047-31778	SEC 33, T-11-S, R-22-E
Lizard Creek 1-10	U-25880	43-047-31475	SEC 10, T-11-S, R-22-E
Archy Bench #1-2	ML-22348-A	43-047-31489	SEC 2, T-11-S, R-22-E
Coors 2-10-HB	UTU-65222	43-047-32009	SEC 10, T-7-S, R-21-E
E Gusher #3	SL-065841-A	43-047-16590	SEC 3, T-6-S, R-20-E
Natural 1-7	U-6346	43-047-30148	SEC 7, T-11-S, R-21-E
Bonanza Federal 3-16	U-38428	43-047-31278	SEC 16, T-10-S, R-23-E
Lafkas 1-3	CR201	43-047-31178	SEC 3, T-11-S, R-20-E
State 14-16	ML-40904	43-047-31417	SEC 16, T-7-S, R-21-E
Love Unit 1-18	891018090A	43-047-30705	SEC 18, T-11-S, R-22-E
Love Unit 1-11	891018090A	43-047-30617	SEC 11, T-11-S, R-21-E
Love Unit 1-12	891018090A	43-047-30638	SEC 12, T-11-S, R-21-E
Love Unit 4-1	891018090A	43-047-30640	SEC 4, T-11-S, R-21-E
Love Unit B-1-10	891018090A	43-047-30709	SEC 10, T-11-S, R-21-E
Love Unit B-2-3	891018090A	43-047-30766	SEC 3, T-11-S, R-21-E
Horseshoe Bend #2 (Alta)	U-0142176	43-047-16800	SEC 3, T-7-S, R-21-E

DUCHESNE COUNTY

Well Name	LEASE NUMBER	API NUMBER	LOCATION
Pleasant Valley 24-32	FEE	43-013-30888	SEC 24, T-4-S, R-2-W
Castle Peak 1-3	U-47172	43-013-30639	SEC 3, T-9-S, R-16-E
Monument Butte 1-3	U-44004	43-013-30642	SEC 3, T-9-S, R-17-E
Monument Butte 2-3	U-61252	43-013-30810	SEC 3, T-9-S, R-17-E

INTEROFFICE COMMUNICATION
SNYDER OIL CORPORATION

TO: George Rooney
FROM: Steve Van Hook *SVH*
DATE: January 17, 1994
RE: Phoenix Acquisition
Transfer of Operator Forms

RECEIVED
FEB 07 1994
DIVISION OF
OIL, GAS & MINING

Accompanying this memo are the following items related to the Phoenix acquisition which require your further handling:

*Copy to
needs
copies*

- ① Original letter dated 12/20/93 from Phoenix to the State of Utah Oil, Gas & Mining Division, with exhibit listing all wells in which SOCO becomes operator. Please mail ASAP with our enclosed cover letter advising SOCO is assuming operations.
- ② Separate executed forms to transfer operations on the Southman Canyon SWD #3 well. Please complete the contact portion of these forms and forward for approval with the State of Utah.
3. For the Walker Hollow Unit, enclosed is a 1/14/94 cover letter from Phoenix Hydrocarbon with a Sundry Notice executed by SOCO and Phoenix for the following unit wells:
 - McLish #1, 2, 3, 4
 - Pan Am #2
 - Walker Hollow U6, J8
4. For operated wells on Federal lands, a separate file for the following wells is enclosed containing in each three original Sundry Notices of the BLM executed by SOCO and Phoenix. Please file with the BLM in triplicate for the following wells:

Castle Peak 1-3	No Name 2-9, 1-9
Canyon View 1-18	Willow Creek #2
Crooked Canyon 1-17	Flat Mesa 2-7
Federal 11-1-M	Flat Mesa 1-7
Madelive 4-3-C	Gusher 15-1-A
Coors 1-14-D	Southman Canyon 4-5, 4-4, 1-5
Baser 5-1	Baser Draw 6-2, 6-1

Memo Re: Phoenix/Transfer of Operator Forms
January 17, 1994
Page 2

Wolf Govt. Federal #1
Monument Butte 2-3
Pete's Flat Federal 1-1
Willow Creek #1
Cliff Edge Fed 1-15
E. Gusher No. 3
Lizzard Creek 1-10
Federal 3-15
Monument Butte 1-3

Federal Miller 1
Sage Brush 1-8
Bitter Creek Federal 1-3
White River 1-14
Southman Canyon SWD #3
Federal 2-10 HB
Horseshoe Bend 2
Natural 1-7 (Love Unit)

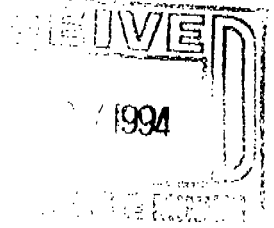
Please advise should any questions arise.

SVH/lk

Attachments

COPY

Bureau of Land Management
Branch of Fluid Minerals
P.O. Box 45155
Salt Lake City, Utah 84145-0155



June 24, 1994

Snyder Oil Corporation
777 Main Street, Suite 2500
Fort Worth, Texas 76102

RE: Love Unit
Uintah County, Utah

Gentlemen:

On June 21, 1994, we received an indenture whereby Phoenix Hydrocarbons Operating Corporation resigned as Unit Operator and Snyder Oil Corporation was designated as Successor Unit Operator for the Love Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective June 24, 1994.

Your nationwide (Wyoming) oil and gas bond No. 2272 will be used to cover all operations within the Love Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Vernal (w/enclosure)
Division of Oil, Gas & Mining
Division of Lands and Mineral Operations U-942
File - Love Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron

U-922:TAThompson:tt:06-24-94

WELL STATUS REPORTS
UTAH STATE OFFICE

INSPECTION ITEM	API NO.	WELL NUMBER	QTQT	SEC	TWN	RNG	WELL STATUS	LEASE NAME	OPERATOR
** INSPECTION ITEM 891018090A		LOVE WS MV A							
891018090A	430473061700S1	1-11	NESW	11	11S	21E	PGW	UTU8344A	PHOENIX HYDROCARBONS OPER
891018090A	430473063800S1	1-12	NWSW	12	11S	21E	PGW	UTU8348	PHOENIX HYDROCARBONS OPER
891018090A	430473064000S1	4-1	NWSW	4	11S	21E	TA	UTU8347	PHOENIX HYDROCARBONS OPER
891018090A	430473070600S1	A1-18	SESW	18	11S	22E	PGW	UTU8348	PHOENIX HYDROCARBONS OPER
891018090A	430473070900S1	B1-10	SESW	10	11S	21E	TA	UTU8347	PHOENIX HYDROCARBONS OPER
891018090A	430473076600S1	B2-3	SWSW	3	11S	21E	TA	UTU8347	PHOENIX HYDROCARBONS OPER

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

Routing:

1	LEC	7-PL	✓
2	LWP	8-SJ	✓
3	OTS	9-FILE	✓
4	VLC		✓
5	RJF		✓
6	LWP		✓

☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 1-1-94)

TO (new operator) **SNYDER OIL CORPORATION**
 (address) **PO BOX 129**
BAGGS, WY 82321
KATHY STAMAN
 phone **(307) 383-2800**
 account no. **N1305**

FROM (former operator) **PHOENIX HYDRO OPER CORP**
 (address) **PO BOX 2802**
MIDLAND, TX 79702
RHONDA PATTERSON
 phone **(915) 682-1186**
 account no. **N9880**

Well(s) (attach additional page if needed):

***LOVE UNIT**

Name: LOVE UNIT 1/MVRD & WS	API: 43-047-30617	Entity: 1366	Sec 11 Twp 11S Rng 21E	Lease Type U8344
Name: LOVE UNIT 1-12/WSTC	API: 43-047-30638	Entity: 1366	Sec 12 Twp 11S Rng 21E	Lease Type U8344
Name: LOVE UNIT 4-1/WSTC	API: 43-047-30640	Entity: 1366	Sec 4 Twp 11S Rng 21E	Lease Type U8347
Name: LOVE UNIT A1-18/WSTC	API: 43-047-30706	Entity: 1366	Sec 18 Twp 11S Rng 22E	Lease Type U8348
Name: LOVE UNIT B1-10/WSTC	API: 43-047-30709	Entity: 1366	Sec 10 Twp 11S Rng 21E	Lease Type U8347
Name: LOVE UNIT B2-3/WSTC	API: 43-047-30766	Entity: 1366	Sec 3 Twp 11S Rng 21E	Lease Type U8347
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- lec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 2-28-94)*
- lec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 2-7-94)*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: _____
- lec 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- LWP 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *6-29-94*
- LWP 6. Cardex file has been updated for each well listed above. *6-29-94*
- LWP 7. Well file labels have been updated for each well listed above. *6-29-94*
- lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(6-29-94)*
- lec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Lee 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- N/A 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- Lee 2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) . Today's date 19 . If yes, division response was made by letter dated 19 .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any **fee lease** well listed above has been notified by letter dated 19 , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- N/A 2. Copies of documents have been sent to State Lands for changes involving **State leases**.

FILMING

- ✓ 1. All attachments to this form have been microfilmed. Date: July 8 1994.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

940629 Bm/S.L. Aprv. eff. 6-24-94. (other wells handled on separate changes)



Snyder Oil Corporation

P.O. Box 695
Vernal, Utah 84078
801/789-0323

February 29, 1996

Utah State Division of Oil Gas & Mining
3 Triad Center, Suite #350
355 W. North Temple
Salt Lake City, UT 84180-1203

MAR - 1 1996

RE: Site Security Diagrams

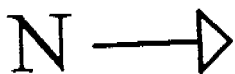
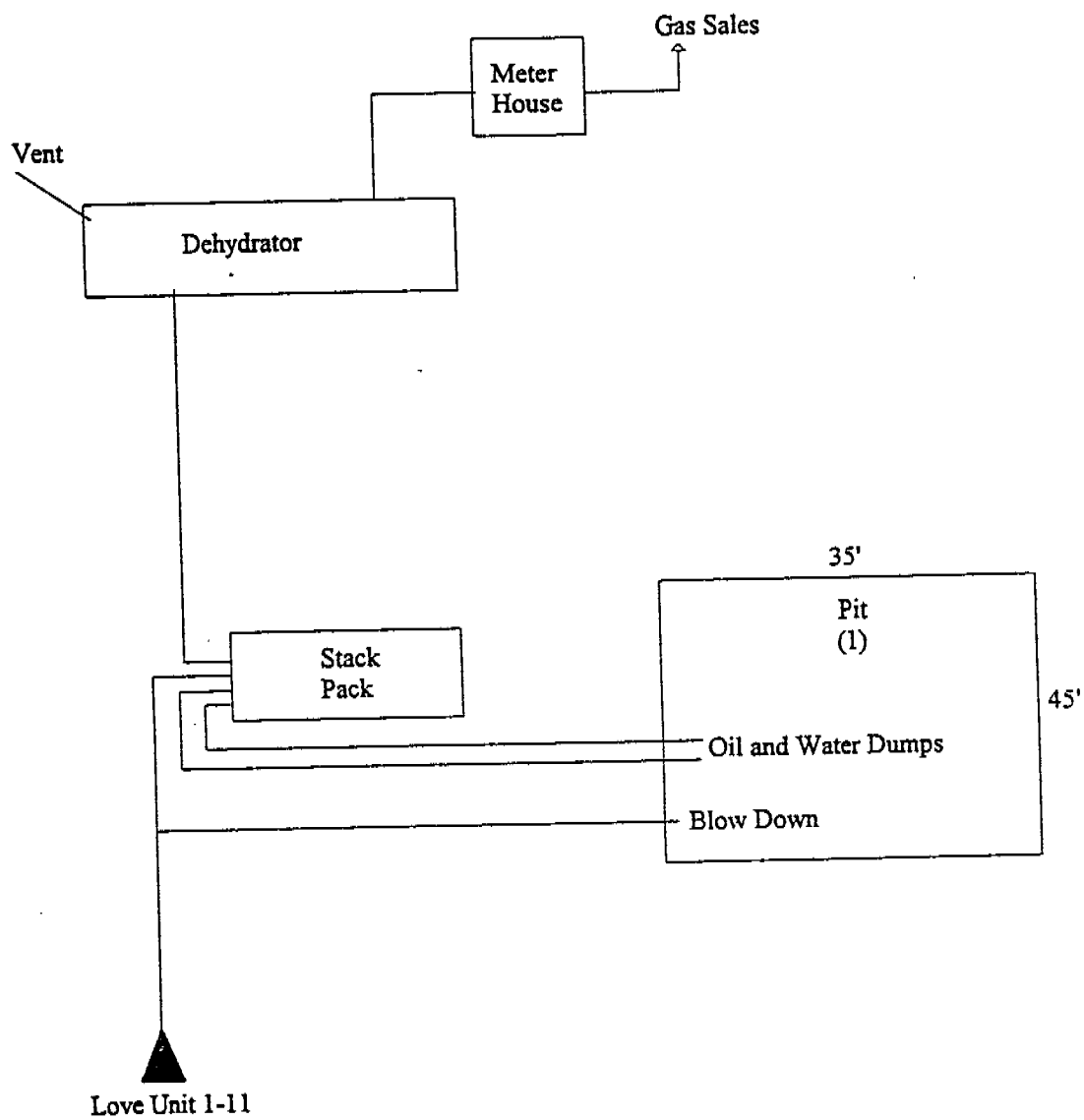
Gentlemen:

Enclosed are copies of Site Security Diagrams for wells operated by Snyder Oil Corporation. We will send you copies of the rest of the diagrams when we receive them from Buys and Associates. If you have any questions, please contact me at 801-789-0323.

Sincerely,

A handwritten signature in cursive script that reads "Lucy Nemec".

Lucy Nemec
Senior Clerk



SITE SECURITY PLAN LOCATED AT:

SNYDER OIL CORPORATION
P.O. BOX 695
VERNAL, UT 84078

42047-30617

Snyder Oil Corporation

Love Unit 1-11
NESW Sec. 11 T11S R21E
Uintah County, UT
Lease # U-8344A

Prepared By: JT 6/9/95
Revised By: KR 1/15/96

BUYS & ASSOCIATES, INC.
Environmental Consultants

SNYDER OIL CORPORATION

VALVING DETAIL

(Site Security Diagram Attachment)

Position of Valves and Use of Seals for Tanks in Production Phase

Valve	Line Purpose	Position	Seal Installed
E	Overflow/Equalizer	Closed	Yes
F	Fill	Open	No
W	Water	Closed	Yes
D	Drain	Closed	Yes
S	Sales	Closed	Yes

Position of Valves and Use of Seals for the Tank in Sales Phase

Valve	Line Purpose	Position	Seal Installed
E	Overflow/Equalizer	Closed	Yes
F	Fill	Closed	Yes
W	Water	Closed	Yes
D	Drain	Closed	Yes
S	Sales	Closed*	Yes

*The sales line will be opened by the purchaser at the time of sale. Until that time the sales line will remain closed and sealed.

SUCO
Snyder Oil Corporation
Southern Region

1200 Smith, Suite 3300
Houston, Texas 77002
713-646-6600

June 7, 1999

State of Utah
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

RE: \$80,000 Surety Blanket P & A Bond #5736975

Dear Sir or Madam:

Santa Fe Snyder Corporation was formed when Snyder Oil Corporation was merged into Santa Fe Energy Resources, Inc. on May 5, 1999. Copies of the approved merger, issued by the Delaware Secretary of State, are enclosed for your files.

As this merger causes "Snyder" to cease to exist and their activities are covered by bond #JZ7777, please release bond # 5736975 and return it to the sender.

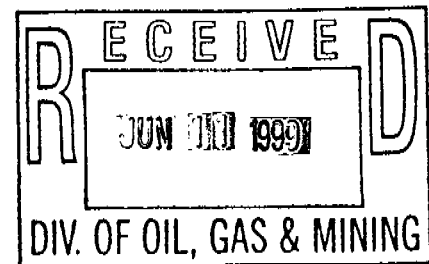
Thank you for your assistance in this matter.

Very truly yours,



Phillip W. Bode

Enclosure



Santa Fe Energy Resources, Inc.

June 7, 1999

State of Utah
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

RE: \$80,000 Surety Blanket P & A Bond #JZ7777

Dear Sir or Madam:

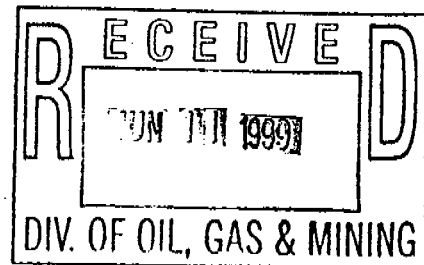
Enclosed is the above bond for Santa Fe Snyder Corporation. This corporation was formed when Snyder Oil Corporation was merged into Santa Fe Energy Resources, Inc. on May 5, 1999. Copies of the approved merger, issued by the Delaware Secretary of State, are enclosed for your files.

Thank you for your assistance in this matter.

Very truly yours,



Phillip W. Bode



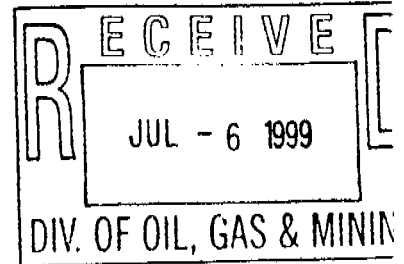
Enclosure



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155



In Reply Refer To:
3106
U-19037 et al
(UT-932)

JUL 1 1999

NOTICE

Santa Fe Snyder Corporation : Oil and Gas
840 Gessner, Suite 1400 :
Houston, TX 77024 :

Merger Recognized Name Change Recognized

Acceptable evidence has been filed in this office concerning the merger of Snyder Oil Corporation into Santa Fe Energy Resources, Inc. and the name being subsequently changed to Santa Fe Snyder Corporation as the surviving entity.

For our purposes the merger and name change are recognized effective June 1, 1999, per company request.

The oil and gas lease files identified on the enclosed exhibits have been noted as to the merger and name change. The exhibits were compiled from lists supplied by Santa Fe Snyder Corporation. We have not adjudicated the case files to determine if the entities affected by the merger and name change hold an interest in the leases identified, nor have we attempted to identify leases where the entities are the operator on the ground, maintaining no vested record title or operating rights interest. We are notifying the Minerals Management Service and all applicable BLM offices of the merger and name change by a copy of this notice. If additional documentation for a change of operator are required by our Field Offices, you will be contacted by them.

By recognition of the merger and the name change the principal on bonds held by Snyder and Santa Fe are automatically changed to Santa Fe Snyder Corporation. Riders to Nationwide Bond No. 400JF 5493 (BLM Bond No. UT0855) and Nationwide Bond No. 5473615 (BLM Bond No. WY2912) have been filed in the Utah State Office. It is the request of Santa Fe Snyder Corporation to change the name on BLM Bond No. UT0855 to reflect the merger/name change, and to terminate the period of liability on BLM Bond No. WY2912. A decision regarding this matter will follow in due course.

Christopher J. Merritt

Christopher J. Merritt
Acting Group Leader,
Minerals Adjudication Group

Enclosures

1. Santa Fe Energy Resources, Inc. Exhibit of Leases
2. Snyder Oil Corporation Exhibit of Leases

cc: All State Offices
Moab Field Office
Vernal Field Office
MMS-Reference Data Branch, MS 3130, P.O. Box 5860, Denver, CO 80217
State of Utah, DOGM, Attn: Kristen Risbeck (Ste. 1210) Box 145801, SLC, UT 84114-5801
St. Paul Fire & Marine Insurance Co., 385 Washington St., St. Paul, MN 55102
SAFECO Insurance Company of America, SAFECO Plaza, Seattle, WA 98185
Santa Fe Snyder Corp., Attn: Phyllis Sobotik, 1625 Broadway, #2200, Denver, CO 80202
Irene Anderson (UT-932)
Teresa Thompson (UT-931)

SANTA FE LEASES

<u>LESSOR</u>	<u>STATE</u>	<u>LESSOR</u>	<u>STATE</u>
BLM NMNM-92488	NM	BLM WYW-59145	WY
BLM NMNM-45235	NM	BLM WYW-43661	WY
BLM NMNM-24877	NM	BLM WYW-0311938	WY
BLM NMNM-93398	NM	BLM WYW-52562	WY
BLM NMNM-96591	NM	BLM WYW EV-022932	WY
BLM NMNM-77894	NM	BLM WYW-27645	WY
BLM NMNM-65900	NM	BLM WYW-043930-A	WY
BLM NMNM-87977	NM	BLM WYW EV-026056	WY
BLM NMNM-65864	NM	BLM WYW-0322610	WY
BLM NMNM-95879	NM	BLM WYW-0320213	WY
BLM NMNM-97394	NM	BLM EV-023313-A	WY
BLM NMNM-98005	NM	BLM WYW-9578	WY
BLM NMNM-98006	NM	BLM WYW-96918	WY
BLM NMNM-98010	NM	BLM WYW-0320078	WY
BLM NMNM-95418	NM	BLM WYW-035599	WY
BLM NMNM-25667	NM	BLM WYW-2120	WY
BLM NMNM-98300	NM	BLM WYEV-024469	WY
BLM NMNM-98033	NM	BLM WYW-0136175	WY
BLM NMNM-998271	NM	BLM WYW-0136177	WY
BLM NMNM-98305	NM	BLM WYW-05991	WY
BLM NMNM-91179	NM	BLM WYW-02736	WY
BLM NMNM-85420	NM	BLM WYW EV-025548	WY
BLM NMNM-100956	NM	BLM EV-023313-E	WY
BLM NMNM-58393	NM	BLM EV-023313-B	WY
BLM OKNM 23555	OK	BLM WYW-21124	WY
BLM NM 15074 (OKLA)	OK	BLM WYW EV-022931	WY
BLM UTU-19037	UT	BLM WYW-61240	WY
BLM UTU-55626	UT	BLM WYW-18480	WY
BLM UTU-38354	UT	BLM WYW-51654	WY
BLM UTU-38401	UT	BLM WYW-50676	WY
BLM UTU-38430	UT	BLM COC-036289 A&B	WY
BLM UTU-42823	UT	BLM WYW-0942	WY
BLM WYEV-026201	WY	BLM WYW-63210	WY
BLM WYW-35860	WY	BLM WYW-66866	WY
BLM WYW-47198	WY	BLM WYW-102793	WY
BLM WYEV-022765	WY	BLM WYW-107726	WY
BLM WYEV-023941	WY	BLM W-70335	WY
BLM WYEV-026196	WY	BLM W-70496	WY
BLM WYEV-026201	WY	BLM W-70326	WY
BLM WYEV-026202	WY	BLM W-55746	WY
BLM WYEV-026204	WY	BLM W-56480	WY
BLM WYEV-026205	WY		
BLM WYEV-026208	WY		
BLM WYEV-026209	WY		
BLM WYW-04674	WY		
BLM WYW-023207	WY		
BLM WYW-023211	WY		
BLM WYW-0268735	WY		
BLM WYCHEY-037066	WY		
BLM WYW-58075	WY		
BLM WYW-17284	WY		
BLM WYW-17296	WY		
BLM WYW-17282(A)	WY		
BLM WYW-55067	WY		

SNYDER LEASES

<u>LESSOR</u>	<u>STATE</u>	<u>LESSOR</u>	<u>STATE</u>
USA COC-33237	CO	USA U-0136484	UT
USA COC-36719	CO	USA U-37573	UT
USA LAES 49122	LA	USA U-33433	UT
USA LAES 49123	LA	USA U-47172	UT
USA LAES 49124	LA	USA U-37355	UT
USA LAES 49125	LA	USA UTU-15855	UT
USA LAES 49127	LA	USA U-0142175	UT
USA LAES 49128	LA	USA UTU-02651	UT
USA LAES 49129	LA	USA UTU-02651-B	UT
USA LAES 49130	LA	USA U-34705	UT
USA LAES 49131	LA	USA U-40729	UT
USA LAES 49132	LA	USA U-58097	UT
USA LAES 49133	LA	USA U-30289	UT
USA LAES 49134	LA	USA UTU-72632	UT
USA LAES 49135	LA	USA UTU-73013	UT
USA LAES 49136	LA	USA UTU-64376	UT
USA LAES 49137	LA	USA UTU-38261	UT
USA LAES 49138	LA	USA UTU-28212	UT
USA LAES 49139	LA	USA UTU-28213	UT
USA LAES 49140	LA	USA UTU-38419	UT
USA LAES 49141	LA	USA U-53861	UT
USA LAES 49142	LA	USA UTU-38418	UT
USA LAES 49143	LA	USA UTU-66401	UT
USA LAES 49144	LA	USA U-38423	UT
USA LAES 49145	LA	USA UTU-38425	UT
USA LAES 49146	LA	USA U-38421	UT
USA LAES 49147	LA	USA UTU-38428	UT
USA LAES 49148	LA	USA U-38420	UT
USA LAES 49149	LA	USA UTU-34350	UT
USA LAES 49150	LA	USA UTU-39223	UT
USA LAES 49151	LA	USA U-64923	UT
USA LAES 49152	LA	USA UTU-40736	UT
USA LAES 49153	LA	USA U-075939	UT
USA LAES 49154	LA	USA U-70235	UT
USA LAES 49155	LA	USA UTU-44426	UT
USA LAES 49156	LA	USA UTU-57495	UT
USA LAES 49157	LA	USA UTU-57503	UT
USA LAES 49158	LA	USA UTU-52106	UT
USA LAES 49159	LA	USA UTU-59121	UT
USA LAES 49160	LA	USA UTU-73009	UT
USA LAES 49161	LA	USA UTU-73010	UT
USA LAES 49162	LA	USA UTU-50490	UT
USA LAES 49163	LA	USA UTU-65126	UT
USA LAES 49164	LA	USA UTU-49228	UT
USA LAES 49165	LA	USA UTU-53127	UT
USA LAES 49166	LA	USA UTU-65132	UT
USA LAES 49167	LA	USA UTU-63951	UT
USA LAES 49168	LA	USA UTU-47483	UT
USA LAES 49169	LA	USA UTU-63978	UT
USA LAES 49170	LA	USA UTU-69116	UT
USA LAES 49171	LA	USA UTU-65138	UT

SNYDER LEASES

<u>LESSOR</u>	<u>STATE</u>	<u>LESSOR</u>	<u>STATE</u>
USA LAES 49172	LA	USA UTU-54774	UT
USA LAES 49173	LA	USA UTU-71230	UT
USA LAES 49174	LA	USA UTU-71234	UT
USA LAES 49175	LA	USA UTU-44799	UT
USA LAES 49176	LA	USA UTU-57512	UT
USA LAES 49177	LA	USA UTU-53084	UT
USA LAES 49178	LA	USA UTU-53938	UT
USA LAES 49179	LA	USA UTU-61936	UT
USA LAES 49180	LA	USA UTU-47127	UT
USA LAES 49181	LA	USA UTU-53918	UT
USA LAES 49183	LA	USA UTU-47484	UT
USA LAES 49194	LA	USA UTU-53946	UT
USA LAES 49198	LA	USA UTU-53941	UT
USA LAES 49199	LA	USA UTU-42531	UT
USA LAES 49200	LA	USA U-49245	UT
USA LAES 49201	LA	USA U-50802	UT
USA MTM-38582-A	MT	USA UTU-0647	UT
USA MTM-63708	MT	USA UTU-50687	UT
USA M-13323 (ND)	ND	USA UTU-37116	UT
USA M-68863 (SD)	SD	USA UTU-59122	UT
USA UTU-70189	UT	USA UTU-63985	UT
USA UTU-73175	UT	USA UTU-52298	UT
USA UTU-73434	UT	USA UTU-7386	UT
USA UTU-73435	UT	USA UTU-67178	UT
USA UTU-73444	UT	USA UTU-67549	UT
USA UTU-73450	UT	USA UTU-74416	UT
USA U-8345	UT	USA UTU-74413	UT
USA U-14646	UT	USA UTU-73900	UT
USA U-66746	UT	USA UTU-67868	UT
USA UTU-42469	UT	USA UTU-74414	UT
USA U-65222	UT	USA UTU-49530	UT
USA U-61263	UT	USA UTU-53860	UT
USA UTU-29535	UT	USA UTU-34711	UT
USA U-25880	UT	USA UTU-46699	UT
USA U-65223	UT	USA UTU-73643	UT
USA U-29797	UT	USA UTU-0141804	UT
USA UTU-0109054	UT	USA UTU-75091	UT
USA UTU-8346	UT	USA UTU-75097	UT
USA U-8347	UT	USA UTU-74972	UT
USA UTU-8344	UT	USA UTU-75096	UT
USA U-8344-A	UT	USA UTU-74415	UT
USA UTU-8348	UT	USA UTU-38401	UT
USA U-38424	UT	USA UTU-38411	UT
USA U-38427	UT	USA UTU-31260	UT
USA SL-065841-A	UT	USA UTU-59654	UT
USA UTU-31736	UT	USA U-14219	UT
USA U-38426	UT	USA UTU-30123	UT
USA U-44090-A	UT	USA UTU-34714	UT
USA U-71694	UT	USA UTU-10134	UT
USA U-72028	UT	USA UTU-10830	UT
USA U-51026	UT	USA UTU-14223	UT

Santa Fe Snyder Corporation

July 2, 1999

Utah Division of Oil, Gas & Mining
1594 W. North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, Utah 84114-5801

Attn.: Ms. Kristen Risbeck

RE: Company Merger
Surety Bond Number - JZ 7777
Operator Number - N2000

Dear Ms. Risbeck:

Snyder Oil Corporation (SOCO) and Santa Fe Energy Resources, Inc. (Santa Fe) have merged to form Santa Fe Snyder Corporation (SFS). The legal acceptance date of the merger is May 5, 1999. However in an effort to simplify documentation issues, SFS requests that June 1, 1999 be used as the effective date of merger.

Please change all operated facilities, Applications to Drill (approved and in process) and any other regulatory filings from Snyder Oil Corporation to Santa Fe Snyder Corporation. Attached is the following information in support of this request.

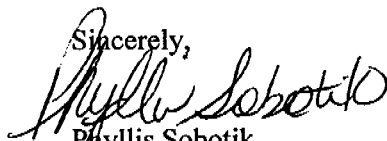
Copy of Merger Certificate
Copy of the Office of the Secretary of State's Acceptance
Sundry Notices for Properties Located on Fee or State Land
Sundry Notice for Federal Properties
Spreadsheet of all Utah Facilities Operated by SOCO

All correspondence, documents, notifications, etc. should continue to be sent to SFS at the following address

1625 Broadway, Suite 2200
Denver, CO 80202

Please inform SFS when this request has been accepted and the changes are finalized. If any questions arise or additional information is required, please contact me at 303-592-8668.

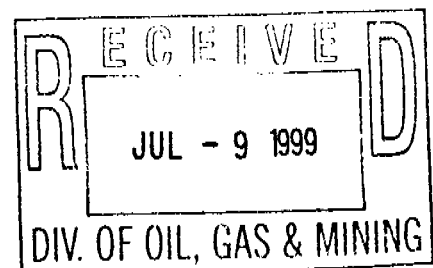
Sincerely,


Phyllis Sobotik
Sr. Regulatory Specialist

/ps

Enclosures:

1625 Broadway
Suite 2200
Denver, Colorado 80202
303/592-8500
Fax 303/592-8600




Office of the Secretary of State

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"SNYDER OIL CORPORATION", A DELAWARE CORPORATION,
WITH AND INTO "SANTA FE ENERGY RESOURCES, INC." UNDER THE NAME OF "SANTA FE SNYDER CORPORATION", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE FIFTH DAY OF MAY, A.D. 1999, AT 11 O'CLOCK A.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.




Edward J. Freel, Secretary of State

0774411 8100M

991177495

AUTHENTICATION: 9725623

DATE: 05-05-99

CERTIFICATE OF MERGER

**Merger of Snyder Oil Corporation, a Delaware corporation
With and Into
Santa Fe Energy Resources, Inc., a Delaware corporation**

Pursuant to the provisions of Section 251 of the Delaware General Corporation Law, the undersigned certifies as follows concerning the merger (the "Merger") of Snyder Oil Corporation, a Delaware corporation, with and into Santa Fe Energy Resources, Inc., a Delaware corporation, with Santa Fe Energy Resources, Inc. as the surviving corporation (the "Surviving Corporation").

1. The Agreement and Plan of Merger, dated as of January 13, 1999 (the Agreement and Plan of Merger being hereinafter referred to as the "Merger Agreement") has been approved, adopted, certified, executed and acknowledged by Snyder Oil Corporation and Santa Fe Energy Resources, Inc. in accordance with Section 251 of the Delaware General Corporation Law.

2. The Merger contemplated in the Merger Agreement and this Certificate of Merger will be effective immediately upon the filing of this Certificate of Merger

3. The name of the Surviving Corporation shall be Santa Fe Energy Resources, Inc. which shall be changed herewith to Santa Fe Snyder Corporation.

4. Article FIRST of the Restated Certificate of Incorporation of Santa Fe Energy Resources, Inc. is amended, effective as of the date hereof, to read in its entirety as follows:

"FIRST: The name of the corporation (hereinafter referred to as the "Corporation") is Santa Fe Snyder Corporation."

and that the first paragraph of Article FOURTH of the Restated Certificate of Incorporation of Santa Fe Energy Resources, Inc. is amended, effective as of the date hereof, to read in its entirety as follows:

"FOURTH: The total number of shares of all classes of capital stock which the Corporation shall have authority to issue is 350,000,000, of which 50,000,000 shares shall be Preferred Stock, par value \$.01 per share, and 300,000,000 shares shall be Common Stock, par value \$.01 per share."

The Restated Certificate of Incorporation of Santa Fe Energy Resources, Inc., as amended, in effect at the effective time of the Merger shall be the certificate of incorporation of the

Surviving Corporation.

5. The executed Merger Agreement is on file at the principal place of business of the Surviving Corporation, 1616 South Voss Road, Houston, Texas 77057.

6. A copy of the Merger Agreement will be furnished by the Surviving Corporation, on request and without cost, to any stockholder of Snyder Oil Corporation or Santa Fe Energy Resources, Inc.

Dated this 5th day of May, 1999.

SANTA FE ENERGY RESOURCES, INC.

By: David L. Hicks
Name: David L. Hicks
Title: Vice President — Law and
General Counsel

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.

Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☐ Other

See Attached List

2. Name of Operator

Santa Fe Snyder Corporation

Attn.: Phyllis Sobotik

3. Address and Telephone No.

1625 Broadway, Suite 2200, Denver, CO 80202

303-592-8668

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

See Attached List

5. Lease Designation and Serial No.

See Attached List

6. If Indian, Allottee or Tribe Name

See Attached List

7. If Unit or CA, Agreement Designation

8. Well Name and No.

See Attached List

9. API Well No.

See Attached List

10. Field and Pool, or Exploratory Area

See Attached List

11. County or Parish, State

See Attached List

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Change of Operator</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

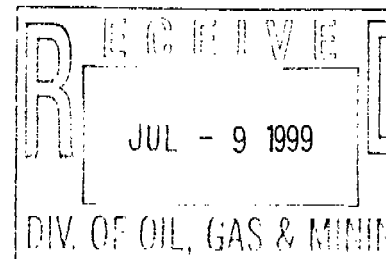
Snyder Oil Corporation and Santa Fe Energy Resources, Inc. have merged to form Santa Fe Snyder Corporation. The legal acceptance date of the merger is May 5, 1999. However in an effort to simplify documentation issues, Santa Fe Snyder Corporation requests that June 1, 1999 be used as the effective date of merger.

A copy of the Merger Certificate and of the Office of the Secretary of State's Acceptance is attached.

Nationwide BLM Bond Number - UT-0855

Surety Bond Number - 400JF 5433

Please contact Phyllis Sobotik at 303-592-8668 if you have any questions.



14. I hereby certify that the foregoing is true and correct

Signed

Phyllis Sobotik

Title

Sr. Regulatory Specialist

Date

01-Jul-99

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

***See Instruction on Reverse Side**

UTAH FACILITIES

Lease	Unit Name	Tribe Name	Field	Stat	County	1/41/4	S	T	R	Lease Number	Mineral Type	API Number	Comments
Horseshoe Bend #4-10			Horseshoe Bend	INA	Uintah	NW/SE	4	7S	22E	U 0136484	FED	43-047-32577	11728
✓ Horseshoe Bend #36-1P			Horseshoe Bend	ACT	Uintah	SE/SE	36	6S	21E	ML 33225	STATE	43-047-31482	9815
Horseshoe Bend Compressor Site			Horseshoe Bend	ACT	Uintah		4	7S	21E				
Jack Rabbit #1-11			Natural Buttes	INA	Uintah	SW/NE	11	10S	23E	U 38425	FED	43-047-30423	1475
✓ L.C.K. #30-1H			Horseshoe Bend	ACT	Uintah	SE/NE	30	6S	21E	N/A	FEE	43-047-31588	10202
Lafkas Federal #1-3			Hill Creek	INA	Uintah	SW/SW	3	11S	20E	U 34350	FED	43-047-31178	1367
Lizzard Creek #1-10			Bitter Creek	ACT	Uintah	NW/NW	10	11S	22E	U 25880	FED	43-047-31475	9870
✓ Lookout Point #1-16			Natural Buttes	ACT	Uintah	NE/SE	16	10S	23E	ML 22186 A	STATE	43-047-30544	1495
Love Unit #1-11	Love		Love	ACT	Uintah	C/SW	11	11S	21E	U 008344 A	FED	43-047-30617	1366
Love Unit #1-12	Love		Love	ACT	Uintah	SW/NW	12	11S	21E	U 008344 A	FED	43-047-30638	1366
Love Unit #4-1	Love		Love	INA	Uintah	NW/SW	4	11S	21E	U 8347	FED	43-047-30640	1366
Love Unit #A1-18	Love		Love	ACT	Uintah	SW/SE	18	11S	21E	U 8348	FED	43-047-30706	1366
Love Unit #B1-10	Love		Love	ACT	Uintah	SE/SW	10	11S	21E	U 8347	FED	43-047-30709	1366
Love Unit #B2-3	Love		Love	INA	Uintah	SW/SW	3	11S	21E	U 8347	FED	43-047-30766	1366
Love Unit Compressor Site			Love	ACT	Uintah			11S	21E				
Madeline #4-3C			Horseshoe Bend	ACT	Uintah	Lot 3	4	7S	21E	U 42469	FED	43-047-32279	11379
McLish #1	Walker Hollow		Walker Hollow (Horseshoe Bend)	ACT	Uintah	SW/SW	8	7S	23E	U 02651	FED	43-047-20280	2760
McLish #2	Walker Hollow		Walker Hollow (Horseshoe Bend)	INA	Uintah	SW/SE	8	7S	23E	U 02651	FED	43-047-30011	2760
McLish #3			Walker Hollow (Horseshoe Bend)	ACT	Uintah	NE/SE	8	7S	23E	U 02651	FED	43-047-30027	12504
McLish #4	Walker Hollow		Walker Hollow (Horseshoe Bend)	INA	Uintah	NE/SW	8	7S	23E	U 02651	FED	43-047-30030	2760
Natural #1-7			Love (Horseshoe Bend)	INA	Uintah	NW/NE	7	11S	21E	U 8345	FED	43-047-30148	6129
No Name Canyon #1-9			Natural Buttes	ACT	Uintah	SE/NE	9	10S	23E	U 37355	FED	43-047-30378	1466
No Name Canyon #2-9			Natural Buttes	ACT	Uintah	NE/NW	8	10S	23E	U 37355	FED	43-047-31504	1468
NSO Federal #1-12			Natural Buttes	ACT	Uintah	NE/NW	12	10S	23E	U 38423	FED	43-047-30560	1480
Pan American #1	Walker Hollow		Walker Hollow (Horseshoe Bend)	INA	Uintah	SW/NW	9	7S	23E	U 02651 A	FED	43-047-30037	
Pan American #2	Walker Hollow		Walker Hollow (Horseshoe Bend)	INA	Uintah	NW/SW	9	7S	23E	U 02651 A	FED	43-047-30038	2760
✓ Pariette Draw #28-44			Windy Ridge West (Eight Mile Flat N.)	ACT	Uintah	SE/SE	28	4S	1E	N/A	FEE	43-047-31408	4960
Pete's Flat #1-1			Natural Buttes	INA	Uintah	NE/SE	1	10S	23E	U 38423	FED	43-047-30558	1510
Sage Hen #1-6			Natural Buttes	INA	Uintah	NE/SE	6	10S	23E	U 38419	FED	43-047-30382	1490
Sagebrush #1-8			Natural Buttes	TAD	Uintah	SW/NE	8	10S	23E	U 37355	FED	43-047-30383	1467
Sheepherder #1-10			Natural Buttes	ACT	Uintah	NE/SE	10	10S	23E	U 38424	FED	43-047-30559	1470
Southman Canyon #1-5 (Federal #1-5)			Natural Buttes	ACT	Uintah	SE/NW	5	10S	23E	U 33433	FED	43-047-30856	10689
Southman Canyon #3			Natural Buttes	WDW	Uintah	NE/SE	15	10S	23E	U 66406	FED	43-047-15880	Saltwater Disposal 99990
Southman Canyon #4-4 (Federal #4-4)			Natural Buttes	INA	Uintah	NW/SE	4	10S	23E	U 33433	FED	43-047-30632	10690
Southman Canyon #4-5			Natural Buttes	ACT	Uintah	NE/SE	5	10S	23E	U 33433	FED	43-047-30633	6131
Southman Canyon #9-3M			Natural Buttes	ACT	Uintah	SW/SW	9	10S	23E	U 37355	FED	43-047-32540	11767
Southman Canyon #9-4J			Natural Buttes	ACT	Uintah	NW/SE	9	10S	23E	U 37355	FED	43-047-32541	11685
Southman Canyon #31-1L			Natural Buttes	ACT	Uintah	SW/	31	9S	23E	U 33433	FED	43-047-32543	11678
✓ State #14-16			Brennan Bottom	ACT	Uintah	SW/SW	16	7S	21E	ML 40904	STATE	43-047-31417	8010

1-KDR	6-KAS
2-GLH	7-SJ TP
3-JRB	8-FILE
4-CDW	9- <i>[Signature]</i>
5-KDR	

OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☐ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☒ Operator Name Change Only (MERGER)

The operator of the well(s) listed below has changed, effective: 6-1-99

TO: (new operator)	<u>SANTE FE SNYDER CORPORATION</u>	FROM: (old operator)	<u>SNYDER OIL CORPORATION</u>
(address)	<u>P.O. BOX 129</u>	(address)	<u>P.O. BOX 129</u>
	<u>BAGGS, WYOMING 82321</u>		<u>BAGGS, WYOMING 82321</u>
Phone:	<u>(307) 383-2800</u>	Phone:	<u>(307) 383-2800</u>
Account no.	<u>N2000 (6-24-99)</u>	Account no.	<u>N1305</u>

WELL(S) attach additional page if needed:

***HORSESHOE BEND, LOVE, EAST BENCH & WALKER HOLLOW UNITS**

Name: *SEE ATTACHED*	API: <u>43-017-30617</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(Rec'd 6.11.99)*
2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(Rec'd 6.11.99)*
3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) ____ If yes, show company file number: #011879.
4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below. *(Rec'd 7.6.99)*
5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. *(7.12.99)*
6. Cardex file has been updated for each well listed above.
7. Well file labels have been updated for each well listed above. *(NEW system)*
8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(8.2.99)*
9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- 1 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- 2 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- 1 1. (r649-3-1) The **NEW** operator of any fee lease well listed above has furnished a proper bond.
(Rec'd 6.11.99 #J27777)
- 2 2. A copy of this form has been placed in the new and former operator's bond files.
- 3 3. The **FORMER** operator has requested a release of liability from their bond (yes/no) no, as of today's date 6.11.99. If yes, division response was made to this request by letter dated Aug. 12, 1999

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- 1 1. Copies of documents have been sent on 8/12/99 to Ed Bonner at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- 2 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated _____ 19 __, of their responsibility to notify all interest owners of this change.

FILMING

- KS 1. All attachments to this form have been **microfilmed**. Today's date: 9-28-99.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The **original of this form**, and the **original attachments** are now being filed in the Operator Change file.

COMMENTS

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.

Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Santa Fe Snyder Corporation

Attn.: Phyllis Sobotik

3. Address and Telephone No.

1625 Broadway, Suite 2200, Denver, CO 80202

303-592-8668

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**1340' FSL, 1340' FWL C/SW
Sec 11, T11S-R21E**

5. Lease Designation and Serial No.

U 008344A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Love Unit #1-11

9. API Well No.

43-047-30617

10. Field and Pool, or Exploratory Area

Love

11. County or Parish, State

Uintah, Utah

12. **CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION

☐ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Change of Operator

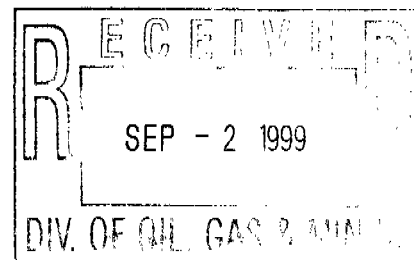
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Santa Fe Snyder Corporation has sold the above referenced property to Coastal Oil & Gas Corporation.
The effective date of this change is September 1, 1999.

Please contact Phyllis Sobotik at 303-592-8668 if you have any questions.



14. I hereby certify that the foregoing is true and correct

Signed

Phyllis Sobotik

Title

Sr. Regulatory Specialist

Date

09-Aug-99

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

***See Instruction on Reverse Side**

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.

Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

U 008344A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Love Unit #1-11

9. API Well No.

43-047-30617

10. Field and Pool, or Exploratory Area

Love

11. County or Parish, State

Uintah, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil
Well☒ Gas
Well☐ Other

2. Name of Operator

Coastal Oil & Gas Corporation

Attn.: Ronald M. Routh

3. Address and Telephone No.

P. O. Box 1148 Vernal, Utah 84078

435-781-7021

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

1340' FSL, 1340' FWL C/SW

Sec. 11-T11S-R21E

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐

Notice of Intent

☐

Subsequent Report

☐

Final Abandonment Notice

TYPE OF ACTION

☐

Abandonment

☐

Recompletion

☐

Plugging Back

☐

Casing Repair

☐

Altering Casing

☒

Other

Change of Operator

☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-Off

☐

Conversion to Injection

☐

Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Please be advised Coastal Oil & Gas Corporation at P. O. Box 1148 Vernal, Utah 84078 is considered to be the operator of the above referenced well and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands.

Effective date of change is September 1, 1999.

BLM bond coverage is provided by U605382-9

Utah state bond coverage is U2644534. State operator number is 17102

SEP 24 1999

Please contact Ronald M. Routh at 435-781-7021 if you have any questions.

14. I hereby certify that the foregoing is true and correct

Signed



Title

Vice President

Sr. Environmental Coordinator

Date

16-Aug-99

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

IN REPLY REFER TO
UT-931

May 15, 2000

Coastal Oil & Gas Corporation
Attn: Elsie M. Powell
Coastal Tower
9 Greenway Plaza
Houston, Texas 77046-0995

Re: Love Unit
Uintah County, Utah

Gentlemen:

On April 27, 2000, we received an indenture dated January 11, 2000, whereby Santa Fe Snyder Corporation resigned as Unit Operator and Coastal Oil & Gas Corporation was designated as Successor Unit Operator for the Love Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective May 15, 2000. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under Love Unit Agreement.

Your nationwide (Wyoming) oil and gas bond No. 2793 will be used to cover all operations within the Love Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)
Division of Oil, Gas & Mining
Minerals Adjudication Group U-932
File - Love Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron
UT931:TAThompson:tt:5/15/00

RECEIVED

MAY 16 2000

DIVISION OF
OIL, GAS AND MINING

Well Status Report
Utah State Office
Bureau of Land Management

Lease Api Number Well Name QTR Section Township Range Well Status Operator

** Inspection Item: 891018090A

UTU8344A	4304730617	1 LOVE UNIT	NESW	11	T11S	R21E	GSI	SANTA FE SNYDER CORPORATION
UTU8348	4304730638	12-1 LOVE UNIT	NWSW	12	T11S	R21E	PGW	SANTA FE SNYDER CORPORATION
UTU8347	4304730640	4-1 LOVE UNIT	NWSW	4	T11S	R21E	TA	SANTA FE SNYDER CORPORATION
UTU8348	4304730706	A1-18 LOVE UNIT	SESW	18	T11S	R22E	GSI	SANTA FE SNYDER CORPORATION
UTU8347	4304730709	B1-10 LOVE UNIT	SESW	10	T11S	R21E	TA	SANTA FE SNYDER CORPORATION
UTU8347	4304730766	B2-3 LOVE UNIT	SWSW	3	T11S	R21E	TA	SANTA FE SNYDER CORPORATION

RECEIVED

MAY 10 2000

DIVISION OF
OIL, GAS AND MINING

OPERATOR CHANGE WORKSHEET

Check each listed item when completed. Write N/A if item is not applicable.

ROUTING:

1- CDW	4-KAS ✓
2-CDW ✓	5- FILE ✓
3-JLT	6-FILE

- ☒ Change of Operator (Well Sold) ☐ Designation of Agent
- ☐ Operator Name Change Only ☐ Merger

The operator of the well(s) listed below has changed, effective: 9-1-99

TO:(New Operator) COASTAL OIL & GAS CORP

Address: P. O. BOX 1148
VERNAL, UT 84078

Phone: 1-(435)-781-7021

Account No. N0230

FROM:(Old Operator) SANTA FE SNYDER CORP

Address: 1625 BROADWAY SUITE 2200
DENVER, CO 80202

Phone: 1-(303)-592-8668

Account No. N2000

WELL(S):	CA No.	or	LOVE	Unit
Name: <u>LOVE UNIT 1-11</u>	API: <u>43-047-30617</u>	Entity: <u>1366</u>	S <u>11</u> T <u>11S</u> R <u>21E</u>	Lease: <u>U-08344A</u>
Name: <u>LOVE UNIT 1-12</u>	API: <u>43-047-30638</u>	Entity: <u>1366</u>	S <u>12</u> T <u>11S</u> R <u>21E</u>	Lease: <u>U-08344A</u>
Name: <u>LOVE UNIT 4-1</u>	API: <u>43-047-30640</u>	Entity: <u>1366</u>	S <u>4</u> T <u>11S</u> R <u>21E</u>	Lease: <u>U-8347</u>
Name: <u>LOVE UNIT A1-18</u>	API: <u>43-047-30706</u>	Entity: <u>1366</u>	S <u>18</u> T <u>11S</u> R <u>21E</u>	Lease: <u>U-8348</u>
Name: <u>LOVE UNIT B1-10</u>	API: <u>43-047-30709</u>	Entity: <u>1366</u>	S <u>10</u> T <u>11S</u> R <u>21E</u>	Lease: <u>U-8347</u>
Name: <u>LOVE UNIT B2-3</u>	API: <u>43-047-30766</u>	Entity: <u>1366</u>	S <u>3</u> T <u>11S</u> R <u>21E</u>	Lease: <u>U-8347</u>

OPERATOR CHANGE DOCUMENTATION

- YES 1. A pending operator change file has been set up.
- YES 2. (R649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator on 9-2-99.
- YES 3. (R649-8-10) Sundry or other legal documentation has been received from the **NEW** operator on 9-24-99.
- YES 4. The new company has been looked up in the **Department of Commerce, Division of Corporations Database** if the new operator above is not currently operating any wells in Utah. Is the operator registered with the State? Yes/No If yes, the company file number is 049324. If no, Division letter was mailed to the new operator on _____.
- YES 5. **Federal and Indian Lease Wells.** The BLM or the BIA has approved the merger, name change or operator change for all wells listed above involving Federal or Indian leases on 5-30-00.
- YES 6. **Federal and Indian Units.** The BLM or the BIA has approved the successor of unit operator for all wells listed above involving unit operations on 5-30-00.
- N/A 7. **Federal and Indian Communitization Agreements ("CA").** The BLM or the BIA has approved the operator change for all wells listed above involved in the CA on _____.

-OVER-

- N/A 8. **Underground Injection Control ("UIC") Program.** The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project and/or for the water disposal well(s) listed above.
- YES 9. Changes have been entered in the **Oil and Gas Information System** for each well listed on 6-12-00.
- YES 10. Changes have been included on the **Monthly Operator Change letter** on 6-12-00.

STATE BOND VERIFICATION

- N/A 1. State Well(s) covered by Bond No. _____.

FEE WELLS - BOND VERIFICATION / LEASE INTEREST OWNER NOTIFICATION

- N/A 1. (R649-3-1) The **NEW** operator of any fee lease well(s) listed above has furnished a proper bond.
- N/A 2. A copy of this form has been placed in the new and former operator's bond files on _____.
- N/A 3. The **FORMER** operator has requested a release of liability from their bond as of today's date _____? If yes, Division response was made to this request by letter dated _____. (see bond file).
- N/A 4. (R649-2-10) The **Former** operator of any Fee lease wells listed above has been contacted and informed by letter dated _____, of their responsibility to notify all interest owners of this change.
- N/A 5. Bond information added to **RBDMS** on _____.
- N/A 6. Fee wells attached to bond in **RBDMS** on _____.

FILMING

- VB 1. All attachments to this form have been **microfilmed** on APR 24 2001.

FILING

- _____ 1. **Originals/Copies** of all attachments pertaining to each individual well have been filed in each **well file**.
- _____ 2. The **original of this form** has been filed in the operator file and a copy in the old operator file.

COMMENTS

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR: El Paso Production Oil & Gas Company

3. ADDRESS OF OPERATOR: 58 South 1200 East CITY Vernal STATE Utah ZIP 84078 PHONE NUMBER: 435-789-4433

4. LOCATION OF WELL: FOOTAGES AT SURFACE: COUNTY: STATE: UTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER: Exhibit "A"

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON	
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE	
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Name Change	
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION		

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

As a result of the merger between The Coastal Corporation and a wholly owned subsidiary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.

See Exhibit "A"

Bond # 400JU0708

Coastal Oil & Gas Corporation

NAME (PLEASE PRINT) John T. Elzner

TITLE Vice President

SIGNATURE [Signature]

DATE 06-15-01

El Paso Production Oil & Gas Company

NAME (PLEASE PRINT) John T. Elzner

TITLE Vice President

SIGNATURE [Signature]

DATE 06-15-01

(This space for State use only)

RECEIVED

JUN 19 2001

DIVISION OF
OIL, GAS AND MINING

State of Delaware
Office of the Secretary of State

PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

RECEIVED

MAR 9 2001

DIVISION OF
OIL, GAS AND MINING



Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

0610204 8100

AUTHENTICATION: 1061007

010162788

DATE: 04-03-01

CERTIFICATE OF AMENDMENT

OF

CERTIFICATE OF INCORPORATION

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST," so that, as amended, said Article shall be and read as follows:


"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL & GAS CORPORATION


David L. Siddall
Vice President

Attest:


Margaret E. Roark, Assistant Secretary

RECEIVED

STATE OF DELAWARE
SECRETARY OF STATE
DIVISION OF CORPORATIONS
FILED 11:00 AM 03/09/2001
010118394 - 0610204

JUN 19 2001

DIVISION OF
OIL, GAS AND MINING



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

RECEIVED

JUL 12 2001

DIVISION OF
OIL, GAS AND MINING

In Reply Refer To:
3106
UTSL-065841
(UT-924)

JUL 10 2001

NOTICE

El Paso Production Oil & Gas Company : Oil and Gas
Nine Greenway Plaza :
Houston TX 77046-0095 :

Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Coastal Oil & Gas Corporation into El Paso Production Oil & Gas Company with El Paso Production Oil & Gas Company being the surviving entity.

For our purposes, the name change is recognized effective March 9, 2001.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Coastal Oil & Gas Corporation to El Paso Production Oil & Gas Company. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Wyoming and Colorado.



Opolonia L. Abeyta
Acting Chief, Branch of
Minerals Adjudication

Enclosure

1. Exhibit of Leases (1 pp)

cc: Moab Field Office
Vernal Field Office
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217
~~State of Utah DUGM~~, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114
Teresa Thompson (UT-922)
Joe Incardine (UT-921)

Exhibit of Leases

UTUSL-065841A	UTU-47172	UTU-74415	UTU-53860
UTU-28652	UTU-50687	UTU-74416	UTU-66401
UTU-37943	UTU-52298	UTU-75091	UTU-67868
UTU-44089	UTU-0109054	UTU-75096	UTU-65389
UTU-44090A	UTU-0143511	UTU-75097	UTU-77084
UTU-61263	UTU-0143512	UTU-75673	UTU-61430
UTU-00343	UTU-38401	UTU-76259	UTU-72633
UTU-02651	UTU-38411	UTU-76260	UTU-72650
UTU-02651B	UTU-38418	UTU-76261	UTU-49692
UTU-0142175	UTU-38419	UTU-76493	UTU-57894
UTU-70235	UTU-38420	UTU-76495	UTU-76829
UTU-70406	UTU-38421	UTU-76503	UTU-76830
UTU-74954	UTU-38423	UTU-78228	UTU-76831
UTU-75132	UTU-38424	UTU-78714	
UTU-75699	UTU-38425	UTU-78727	
UTU-76242	UTU-38426	UTU-78734	
UTU-78032	UTU-38427	UTU-79012	
UTU-4377	UTU-38428	UTU-79011	
UTU-4378	UTU-53861	UTU-71694	
UTU-7386	UTU-58097	UTU-00576	
UTU-8344A	UTU-64376	UTU-00647	
UTU-8345	UTU-65222	UTU-01470D	
UTU-8347	UTU-65223	UTU-0136484	
UTU-8621	UTU-66746	UTU-8344	
UTU-14646	UTU-67178	UTU-8346	
UTU-15855	UTU-67549	UTU-8648	
UTU-25880	UTU-72028	UTU-28212	
UTU-28213	UTU-72632	UTU-30289	
UTU-29535	UTU-73009	UTU-31260	
UTU-29797	UTU-73010	UTU-33433	
UTU-31736	UTU-73013	UTU-34711	
UTU-34350	UTU-73175	UTU-46699	
UTU-34705	UTU-73434	UTU-78852	
UTU-37116	UTU-73435	UTU-78853	
UTU-37355	UTU-73444	UTU-78854	
UTU-37573	UTU-73450	UTU-075939	
UTU-38261	UTU-73900	UTU-0149767	
UTU-39223	UTU-74409	UTU-2078	
UTU-40729	UTU-74410	UTU-44426	
UTU-40736	UTU-74413	UTU-49530	
UTU-42469	UTU-74414	UTU-51026	

Wells by MMS Number

Results of query for MMS Account Number 891018090A

Production	API Number	Operator	Well Name	Well Status	Lease or CA Number	Inspection Item	Township	Range	Section	Quarter/Quar
Production	4304730617	COASTAL OIL & GAS CORPORATION	1 LOVE UNIT	GSI PGW	UTU8344A	891018090A	11S	21E	11	NESW
Production	4304730638	COASTAL OIL & GAS CORPORATION	12-1 LOVE UNIT	PGW SGW	UTU8348	891018090A	11S	21E	12	NWSW
Production	4304730640	COASTAL OIL & GAS CORPORATION	4-1 LOVE UNIT	TA	UTU8347	891018090A	11S	21E	4	NWSW
Production	4304730706	COASTAL OIL & GAS CORPORATION	A1-18 LOVE UNIT	GSI	UTU8348	891018090A	11S	22E	18	SESW
Production	4304730709	COASTAL OIL & GAS CORPORATION	B1-10 LOVE UNIT	TA	UTU8347	891018090A	11S	21E	10	SESW
Production	4304730766	COASTAL OIL & GAS CORPORATION	B2-3 LOVE UNIT	TA	UTU8347	891018090A	11S	21E	3	SWSW

DISCLAIMER for online data: No warranty is made by the BLM for use of the data for purposes not intended by the BLM.

Love Unit

1. GLH		4-KAS
2. CDW ✓		5-LP ✓
3. JLT		6-FILE

Designation of Agent

X Merger

The operator of the well(s) listed below has changed, effective: **3-09-2001**

FROM: (Old Operator):
COASTAL OIL & GAS CORPORATION
Address: 9 GREENWAY PLAZA STE 2721
HOUSTON, TX 77046-0995
Phone: 1-(713)-418-4635
Account N0230

TO: (New Operator):
EL PASO PRODUCTION OIL & GAS COMPANY
Address: 9 GREENWAY PLAZA STE 2721 RM 2975B
HOUSTON, TX 77046-0995
Phone: 1-(832)-676-4721
Account N1845

Unit: LOVE UNIT

WELL(S)

[illegible]

OPERATOR CHANGES DOCUMENTATION

- | | | |
|----|---|----------------------------------|
| 1. | (R649-8-10) Sundry or legal documentation was received from the FORMER operator on: | <u>06/19/2001</u> |
| 2. | (R649-8-10) Sundry or legal documentation was received from the NEW operator on: | <u>06/19/2001</u> |
| 3. | The new company has been checked through the Department of Commerce, Division of Corporations Database on: | <u>06/21/2001</u> |
| 4. | Is the new operator registered in the State of Utah: | YES Business Number: 608186-0143 |

5. If **NO**, the operator was contacted contacted on: N/A
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 07/10/2001
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 07/10/2001
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 07/17/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 07/17/2001
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

STATE BOND VERIFICATION:

1. State well(s) covered by Bond No.: N/A

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: _____

FILMING:

1. All attachments to this form have been **MICROFILMED** on: _____

FILING:

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: _____

COMMENTS: Master list of all wells involved in operator change from Coastal Oil & Gas Corporation to El Paso Production Oil and Gas Company shall be retained in the "Operator Change File".

JAN. 17. 2003 3:34PM

WESTPORT

NO. 173 P. 2

**WESTPORT OIL AND GAS COMPANY, L.P.**

410 Seventeenth Street #2300 Denver Colorado 80202-4436
Telephone: 303 573 5404 Fax: 303 573 5609

February 1, 2002

Department of the Interior
Bureau of Land Management
2850 Youngfield Street
Lakewood, CO 80215-7093
Attention: Ms. Martha Maxwell

**RE: BLM Bond CO-1203
BLM Nationwide Bond 158626364
Surety - Continental Casualty Company
Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.
Conversion of Westport Oil and Gas Company, Inc., into Westport Oil and Gas Company, L.P.
Assumption Rider - Westport Oil and Gas Company, L.P.**

Dear Ms. Maxwell:

Pursuant to our recent conversations, please find the following list of enclosures for the BLM's consideration and approval:

**Two (2) Assumption Riders, fully executed originals.
Copies of Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.
Copies of Westport Oil and Gas Company, Inc., conversion into Westport Oil and Gas Company, L.P.
List of all Federal/BIA/State Leases - Belco/Westport's leases - in all states.**

Please inform us of any additional information needed to complete the change to Westport Oil and Gas Company, L.P., as operator of record.

I thank you for your assistance and cooperation in this matter. Please do not hesitate contacting the undersigned, should a question arise.

Sincerely,
Westport Oil and Gas Company, L.P.

Debby J. Black
Engineer Technician

Encl;



United States Department of the Interior **RECEIVED**

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

FEB 22 2002

DIVISION OF
OIL, GAS AND MINING

In Reply Refer To:

3106

UTU-25566 et al

(UT-924)

FEB 21 2002

NOTICE

Westport Oil and Gas Company L.P. : Oil and Gas
410 Seventeenth Street, #2300 :
Denver Colorado 80215-7093 :

Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Westport Oil and Gas Company, Inc. into Westport Oil and Gas Company, L.P. with Westport Oil and Gas Company, L.P. being the surviving entity.

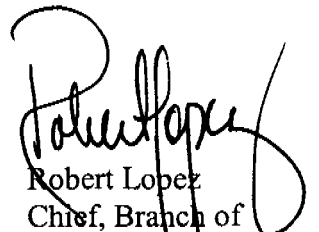
For our purposes, the name change is recognized effective December 31, 2001.

The oil and gas lease files identified have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Westport Oil and Gas Company, Inc. to Westport Oil and Gas Company, L.P.. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Colorado.

UTU-03405
UTU-20895
UTU-25566
UTU-43156
UTU-49518
UTU-49519
UTU-49522
UTU-49523



Robert Lopez
Chief, Branch of
Minerals Adjudication

cc: Moab Field Office
Vernal Field Office
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114
Teresa Thompson (UT-922)
Joe Incardine (UT-921)

memorandum

Branch of Real Estate Services
Uintah & Ouray Agency

Date: 5 December, 2002

Reply to
Attn of: Supervisory Petroleum Engineer

Subject: Modification of Utah Division of Oil, Gas and Mining Regulations

To: Director, Utah Division of Oil, Gas and Mining Division: John Baza

We have been advised of changes occurring with the operation of your database for Change of Operator. You will be modifying your records to reflect Change of Operator once you have received all necessary documentation from the companies involved, and perhaps in advance of our Notice of Concurrence/Approval of Change of Operator where Indian leases are involved.

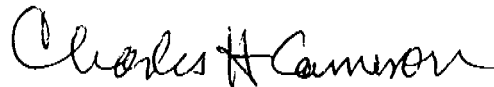
We have no objection.

With further comment to Rulemaking, I wish to comment concerning the provision of Exhibits for upcoming Hearings. I would like to see the Uintah & Ouray Agency, BIA, and the Ute Indian Tribe, Energy & Mineral Resources Department added to the list of those parties that receive advance Exhibits so as to allow us to have research time prior to Hearing dates. We will be able to provide a more informed recommendation to the Oil, Gas and Mining Board. It would be best if we would receive only those Exhibits that concern Indian lands, specifically on or adjacent to Indian lands. This may be a difficult situation to attain, as it is not always clear where 'on or adjacent' occurs.

I am aware that you have gone to extra effort to correct this matter already, and I fully appreciate it. My request is intended only to allow the addition of Uintah & Ouray Agency and Ute Indian Tribe to the official listing.

We appreciate your concern, and hope that these comments are timely enough for consideration in the revision process.

CC: Minerals & Mining Section of RES
Ute Energy & Mineral Resources Department: Executive Director
chrono





United States Department of the Interior

BUREAU OF INDIAN AFFAIRS
Washington, D.C. 20240

FEB 10 2003

IN REPLY REFER TO:
Real Estate Services

Carroll A. Wilson
Principal Landman
Westport Oil and Gas Company, L.P.
1368 South 1200 East
Vernal, Utah 84078

Dear Mr. Wilson:

This is in response to your request for approval of RLI Insurance Company's Nationwide Oil and Gas Lease Bond No. RLB0005239 executed effective December 17, 2002, (\$150,000 coverage) with Westport Oil and Gas Company, L. P., as principal.

This bond is hereby approved as of the date of this correspondence and will be retained in the Bureau of Indian Affairs' Division of Real Estate Services, 1849 C Street, NW, MS-4512-MIB, Washington, D.C. 20240. All Bureau oil and gas regional offices and the surety are being informed of this action.

In cases where you have existing individual and/or collective bonds on file with one or more of our regional offices, you may now request those offices, directly, to terminate in lieu of coverage under this Nationwide Bond.

Enclosed is a copy of the approved bond for your files. If we may be of further assistance in this matter, please advise.

Sincerely,

Director, Office of Trust Responsibilities

ACTING

Enclosure



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

IN REPLY REFER TO
UT-922

February 27, 2003

Westport Oil and Gas Company, L.P.
Attn: Gary D. Williamson
1670 Broadway, Suite 2800
Denver, Colorado 80202

Re: Love Unit
Uintah County, Utah

Gentlemen:

On February 27, 2003, we received an indenture dated December 17, 2002, whereby El Paso Production Oil & Gas Company resigned as Unit Operator and Westport Oil and Gas Company, L.P., was designated as Successor Unit Operator for the Love Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 27, 2003. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Love Unit Agreement.

Your nationwide (Colorado) oil and gas bond No. 1203 will be used to cover all operations within the Love Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)
SITLA
Division of Oil, Gas & Mining
Minerals Adjudication Group
File - Love Unit (w/enclosure)
Agr. Sec. Chron
Fluid Chron
UT922:TAThompson:tt:02/27/2003

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

Results of query for MMS Account Number 891018090A

Production	API Number	Operator	Well Name	Well Status	Lease or CA Number	Inspection Item	Township	Range	Section	Quarter/Quarter	Field Name
<u>Production</u>	<u>4304730617</u>	EL PASO PROD OIL & GAS CO	1 LOVE UNIT	PGW	UTU8344A	891018090A	11S	21E	11	NESW	LOVE
<u>Production</u>	<u>4304730638</u>	EL PASO PROD OIL & GAS CO	12-1 LOVE UNIT	GSI	UTU8348	891018090A	11S	21E	12	NWSW	LOVE
<u>Production</u>	<u>4304730640</u>	EL PASO PROD OIL & GAS CO	4-1 LOVE UNIT	TA	UTU8347	891018090A	11S	21E	4	NWSW	LOVE
<u>Production</u>	<u>4304730706</u>	EL PASO PROD OIL & GAS CO	A1-18 LOVE UNIT	GSI	UTU8348	891018090A	11S	22E	18	SESW	LOVE
<u>Production</u>	<u>4304730709</u>	EL PASO PROD OIL & GAS CO	B1-10 LOVE UNIT	GSI	UTU8347	891018090A	11S	21E	10	SESW	LOVE
<u>Production</u>	<u>4304730766</u>	EL PASO PROD	B2-3 LOVE	TA	UTU8347	891018090A	11S	21E	3	SWSW	LOVE

		OIL & GAS CO	UNIT							
--	--	-----------------	------	--	--	--	--	--	--	--

DISCLAIMER for online data: No warranty is made by the BLM for use of the data for purposes not intended by the BLM.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☐

OTHER

8. WELL NAME and NUMBER:

Exhibit "A"

2. NAME OF OPERATOR:

El Paso Production Oil & Gas Company

9. API NUMBER:

3. ADDRESS OF OPERATOR:

9 Greenway Plaza

CITY Houston

STATE TX

ZIP 77064-0995

PHONE NUMBER:

(832) 676-5933

10. FIELD AND POOL, OR WILDCAT:

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER:
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Operator change to Westport Oil and Gas Company, L.P., 1670 Broadway, Suite 2800, Denver, CO. 80202-4800, effective December 17, 2002.

BOND #

State Surety Bond No. RLB0005236
Fee Bond No. RLB0005238

EL PASO PRODUCTION OIL & GAS COMPANY

By:

Jon R. Nelsen, Attorney-in-Fact

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

WESTPORT OIL AND GAS COMPANY, L.P.

NAME (PLEASE PRINT)

David R. Dix

TITLE

Agent and Attorney-in-Fact

SIGNATURE

DATE

12/17/02

(This space for State use only)

Form 3160-5
(August 1999)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

*Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.*FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

SEE ATTACHED EXHIBIT "A"

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

SEE ATTACHED EXHIBIT "A"

9. API Well No.

SEE ATTACHED EXHIBIT "A"

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UT

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY, L.P.

3a. Address

P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7023

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED EXHIBIT "A"

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	SUCCESSOR OF
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	OPERATOR

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompletes horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed if testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator determined that the site is ready for final inspection.

WESTPORT OIL & GAS COMPANY, L.P., IS CONSIDERED TO BE THE OPERATOR ON THE ATTACHED DESCRIBED LANDS AND IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR THE OPERATIONS CONDUCTED ON THE LEASED LANDS OR PORTIONS THEREOF, BOND COVERAGE FOR THIS WELL IS PROVIDED BY FEDERAL NATIONWIDE BOND NO. 158626364, EFFECTIVE FEBRUARY 1, 2002, AND BIA NATIONWIDE BOND NO. RLB0005239, EFFECTIVE FEBRUARY 10, 2003.

RECEIVED

MAR 04 2003

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

CHERYL CAMERON

Title

OPERATIONS

Date

March 4, 2003

Approved by

THIS SPACE FOR FEDERAL OR STATE USE

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

6. (R649-9-2)Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM-12/31/2003 BIA-12/5/02

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: N/A

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 03/07/2003
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 03/07/2003
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: RLB 0005236

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: 158626364

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: RLB 0005239

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB 0005238
2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

COMMENTS: COMPLETE LIST OF WELLS INVOLVING OPERATOR CHANGE MAY BE FOUND IN THE OPERATOR CHANGE FILE.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY, L.P.

3a. Address

1368 SOUTH 1200 EAST, VERNAL, UTAH 84078

3b. Phone No. (include area code)

435-781-7060

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

MULTIPLE WELLS- SEE ATTACHED

5. Lease Serial No.

MULTIPLE WELLS- SEE ATTACHED

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

MULTIPLE WELLS- SEE ATTACHED

8. Well Name and No.

MULTIPLE WELLS- SEE ATTACHED

9. API Well No.

MULTIPLE WELLS- SEE ATTACHED

10. Field and Pool, or Exploratory Area

LOVE UNIT

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other VARIANCE
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

Westport Oil & Gas requests a variance to Onshore Order No. 4, Part III C. a. requiring each sales tank be equipped with a pressure- vacuum thief hatch and/or vent line valve. The variance is requested as an economic analysis shows the value of the shrunk condensate will not payout the incremental cost of purchasing and maintaining the valve resulting in a loss of value over the producing life of the well.

The volume lost to shrinkage by dropping the tank pressure from 6 ozs. To 0 psig is shown to be 0.3% of the tank volume. This was determined by lab analysis of a representative sample from the field. The sample shrunk from 98.82% of original volume to 98.52% when the pressure was dropped. The average well produces approximately 6 bbls condensate per month. The resulting shrinkage would amount to 0.56 bbls per month lost volume due to shrinkage. The value of the shrunk and lost condensate does not recoup or payout the cost of installing and maintaining the valves and other devices that hold the positive tank pressure. An economic run based on the loss and costs is attached. Westport Oil & Gas requests approval of this variance in order to increase the value of the well to the operator and the mineral royalty owners.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

DEBRA DOMENICI

Title

ENVIRONMENTAL ASSISTANT

Signature

Date

July 9, 2004

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Accepted by the
Utah Division of
Oil, Gas and Mining

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001: make it a crime for any person knowing, and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Federal Approval Of This
Action Is Necessary

(Instructions on reverse)

COPY SENT TO OPERATOR

Date:

Initials:

7-16-04
CND

RECEIVED

JUL 14 2004

Westport Oil & Gas, L.P.

Project Economics Worksheet

Instructions:

Fill in blue boxed areas with before and after project data. The evaluation results are shown below and graphed automatically at the bottom of the page. This sheet is protected to prevent accidental alteration of the formulas. See JTC for changes. OPX entered as annual costs and/or as unit OPX costs for \$/BF and \$/MCF

Project Name:

Condensate Shrinkage Economics

Is this job a well pull or production rig job ???

N (Y or N)

	BEFORE \$/Year	AFTER \$/Year	DIFFERENCE \$/Year
Gross Oil Revenue	\$1,088	\$1,099	\$11
Gross Gas Revenue	\$0	\$0	\$0
NGL Revenue	\$0	\$0	\$0
PULING UNIT SERVICE			\$0
WIRELINE SERVICE			\$0
SUBSURF EQUIP REPAIRS			\$0
COMPANY LABOR			\$0
CONTRACT LABOR	\$0	\$200	\$200
CONTR SERVICE			\$0
LEASE FUEL GAS	\$0	\$0	\$0
UTILITIES - ELECTRICITY	\$0	\$0	\$0
CHEMICAL TREATING			\$0
MATERIAL & SUPPLY	\$0	\$150	\$150
WATER & HAULING			\$0
ADMINISTRATIVE COSTS			\$0
GAS PLANT PROCESSING			\$0
Totals	\$0	\$350	\$350 Increased OPX Per Year

Investment Breakdown:

	Cap/Exp Code	Cost, \$
Capital \$	820/830/840	\$1,200
Expense \$	830/860	\$0
Total \$		\$1,200

Oil Price	\$ 23.00	\$/BO
Gas Price	\$ 3.10	\$/MCF
Electric Cost	\$ -	\$ / HP / day
OPX/BF	\$ 2.00	\$/BF
OPX/MCF	\$ 0.62	\$/MCF

Production & OPX Detail:

	Before		After		Difference
Oil Production	0.192	BOPD	0.194	BOPD	0.002 BOPD
Gas Production	0	MCFPD	0	MCFPD	0 MCFPD
Wtr Production	0	BWPD	0	BWPD	0 BWPD
Horse Power		HP		HP	0 HP
Fuel Gas Burned		MCFPD		MCFPD	0 MCFPD

Project Life:

Life = 20.0 Years
(Life no longer than 20 years)

Internal Rate of Return:

After Tax IROR = #DIV/0!

AT Cum Cashflow:

Operating Cashflow = (\$2,917) (Discounted @ 10%)

Payout Calculation:

$$\text{Payout} = \frac{\text{Total Investment}}{\text{Sum(OPX + Incremental Revenue)}} = 1$$

Payout occurs when total AT cashflow equals investment
See graph below, note years when cashflow reaches zero

Payout = NEVER Years or #VALUE! Days

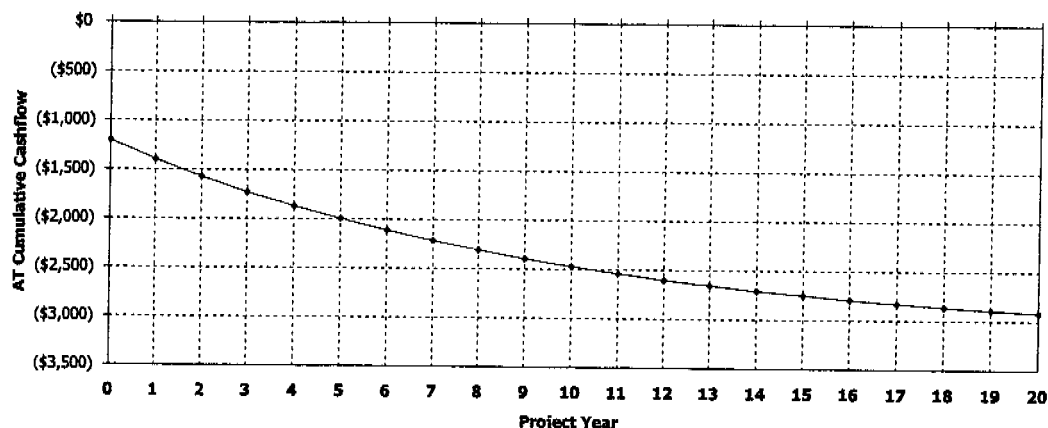
Gross Reserves:

Oil Reserves = 6 BO
Gas Reserves = 0 MCF
Gas Equiv Reserves = 38 MCFE

Notes/Assumptions:

An average NBU well produces 0.192 Bopd with no tank pressure. The production is increased to 0.194 Bopd if 6 ozs of pressure are placed on the tank. The increased production does not payout the valve cost or the estimated annual maintenance costs.

Project: Condensate Shrinkage Economics



Westport Oil and Gas, Inc.
NBU/Ouray Field
RFL 2003-022

COMPARISON OF FLASH BACK PRESSURES

Calculated by Characterized Equation-of-State

Flash Conditions		Gas/Oil Ratio (scf/STbbl) (A)	Specific Gravity of Flashed Gas (Air=1.000)	Separator Volume Factor (B)	Separator Volume Percent (C)
psig	°F				

Calculated at Laboratory Flash Conditions

80	70			1.019	
0	122	30.4	0.993	1.033	101.37%
0	60	0.0	—	1.000	98.14%

Calculated Flash with Backpressure using Tuned EOS

80	70			1.015	
6.0 oz	65	24.6	0.777	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
4.0 oz	65	24.7	0.778	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
2.0 oz	65	24.7	0.779	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
0	65	24.8	0.780	1.003	98.82%
0	60	0.0	—	1.000	98.52%

(A) Cubic Feet of gas at 14.696 psia and 60 °F per Barrel of Stock Tank Oil at 60 °F.

(B) Barrels of oil at indicated pressure and temperature per Barrel of Stock Tank Oil at 60 °F.

(C) Oil volume at indicated pressure and temperature as a percentage of original saturated oil volume.

Note: Bubblepoint of sample in original sample container was 80 psig at 70° F with 1 cc water

ALL WELLS ROCKY MOUNTAIN GAS- LOVE UNIT ENARDO VARIANCE

WELL	LEGALS	STF LEASE NO	CA NUMBER	API NO
LOVE UNIT 1-11	CSW SEC 11, T11S, R21E	UTU008344A	891018090A	4304730617
LOVE UNIT 1-12	NWSW SEC 12, T11S, R21E	UTU008344A	891018090A	4304730638
LOVE UNIT 4-01	NWSW SEC 4, T11S, R21E	UTU8347	891018090A	4304730640
LOVE UNIT A1-18	SESW SEC 18, T11S, R22E	UTU8348	891018090A	4304730706
LOVE UNIT B1-10	SESW SEC 10, T11S, R21E	UTU8347	891018090A	4304730709
LOVE UNIT B2-3	SWSW SEC 03, T11S, R21E	UTU8347	891018090A	4304730766

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE – Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NE/SW SEC. 11, T11S, R21E 1340'FSL, 1340'FWL

5. Lease Serial No.

UTU-8348

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

UTU-63065X

LOVE UNIT

8. Well Name and No.

LOVE UNIT 144

9. API Well No.

4304730617

10. Field and Pool, or Exploratory Area

LOVE

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input checked="" type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

COPY SENT TO OPERATOR

Date: **5.19.2008**

Initials: **KS**

THE OPERATOR REQUESTS AUTHORIZATION TO PLACE THE SUBJECT WELL LOCATION ON TEMPORARILY ABANDONMENT STATUS. THE SUBJECT WELL LOCATION IS CURRENTLY BEING EVALUATED FOR PLUG AND ABANDONMENT STATUS.

RECEIVED

MAY 02 2008

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

SHEILA UPCHEGO

Title

SENIOR LAND ADMIN SPECIALIST

Signature

Date

April 25, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

REQUEST DENIED

Date

Office **Utah Division of Oil, Gas and Mining**

Federal Approval Of This Action Is Necessary

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make in any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

By: **[Signature]**

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ

2. CDW

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

1/6/2006

FROM: (Old Operator):

N2115-Westport Oil & Gas Co., LP
 1368 South 1200 East
 Vernal, UT 84078

Phone: 1-(435) 781-7024

TO: (New Operator):

N2995-Kerr-McGee Oil & Gas Onshore, LP
 1368 South 1200 East
 Vernal, UT 84078

Phone: 1-(435) 781-7024

CA No.

Unit:

LOVE UNIT

WELL NAME

SEC TWN RNG

API NO

ENTITY

LEASE

WELL

WELL

NO

TYPE

TYPE

STATUS

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006

2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006

3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006

4a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181

4b. If **NO**, the operator was contacted on:

5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE

5b. Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred

5c. Reports current for Production/Disposition & Sundries on: ok

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet

7. Federal and Indian Units:

The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006

8. Federal and Indian Communization Agreements ("CA"):

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on:

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 5/15/2006

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/15/2006

3. Bond information entered in RBDMS on: 5/15/2006

4. Fee/State wells attached to bond in RBDMS on: 5/16/2006

5. Injection Projects to new operator in RBDMS on:

6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: CO1203

2. Indian well(s) covered by Bond Number: RLB0005239

3. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236

a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG

The Division sent response by letter on:

LEASE INTEREST OWNER NOTIFICATION:

4. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

COMMENTS:

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING	
1. DJJ	
2. CDW	

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

1/6/2006

FROM: (Old Operator): N2115-Westport Oil & Gas Co., LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024	TO: (New Operator): N2995-Kerr-McGee Oil & Gas Onshore, LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024
---	--

CA No.				Unit:	LOVE UNIT			
WELL NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
NATURAL 1-7	07	110S	210E	4304730148	6129	Federal	D	PA
LOVE UNIT 1	11	110S	210E	4304730617	1366	Federal	GW	S
LOVE UNIT 1-12	12	110S	210E	4304730638	1366	Federal	GW	S
LOVE UNIT 4-1	04	110S	210E	4304730640	1366	Federal	GW	P
LOVE UNIT A1-18	18	110S	220E	4304730706	1366	Federal	GW	S
LOVE UNIT B1-10	10	110S	210E	4304730709	1366	Federal	GW	PA
LOVE UNIT B2-3	03	110S	210E	4304730766	1366	Federal	GW	PA
LOVE U 1121-11K	11	110S	210E	4304735152	1366	Federal	GW	P
LOVE U 1121-10G	10	110S	210E	4304735557	1366	Federal	GW	P
LOVE UNIT 1122-18G	18	110S	220E	4304736131		Federal	GW	APD
LOVE 1121-14F	14	110S	210E	4304736671	1366	Federal	GW	P
LOVE UNIT 1121-11G	11	110S	210E	4304737555		Federal	GW	APD
LOVE U 1121-16A	16	110S	210E	4304735696	1366	State	GW	P

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.

KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

RECEIVED

MAY 10 2006

DIV. OF OIL, GAS & MINING

BLM BOND = C01203

BIA BOND = RLB0005239

APPROVED 5116106

Earlene Russell

Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

RANDY BAYNE

Signature

Randy Bayne

Title

DRILLING MANAGER

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY L.P.

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

APPROVED 5/16/06
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

RECEIVED
MAY 10 2006

DIV OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

BRAD LANEY

Signature

Title

ENGINEERING SPECIALIST

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Brad Laney

Title

Date

5-9-06

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Colorado State Office
2850 Youngfield Street
Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM)
3106
COC017387 et. al.

March 23, 2006

NOTICE

Kerr-McGee Oil & Gas Onshore L.P. :
1999 Broadway, Suite 3700 : Oil & Gas
Denver, CO 80202 :

Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303.239.3768.

/s/Martha L. Maxwell
Martha L. Maxwell
Land Law Examiner
Fluid Minerals Adjudication

Attachment:

List of OG Leases to each of the following offices:

MMS MRM, MS 357B-1

WY, UT, NM/OK/TX, MT/ND, WY State Offices

CO Field Offices

Wyoming State Office

Rider #1 to Bond WY2357

Rider #2 to Bond WY1865

Rider #3 to Bond WY1127



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:
3106
(UT-922)

March 27, 2006

Memorandum

To: Vernal Field Office

From: Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of
Fluid Minerals

Enclosure

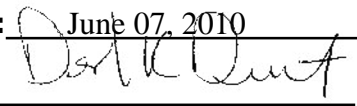
Approval letter from BLM COSO (2 pp)

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare
Dave Mascarenas
Susan Bauman

RECEIVED

MAR 28 2006

ENV. OF OIL, GAS & MINERALS

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: U-8344			
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME: LOVE			
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: LOVE UNIT 1			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1340 FSL 1340 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 11 Township: 11.0S Range: 21.0E Meridian: S		9. API NUMBER: 43047306170000			
PHONE NUMBER: 720 929-6007 Ext		9. FIELD and POOL or WILDCAT: LOVE			
COUNTY: UTAH		STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 6/1/2010 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER:
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER:			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. THE OPERATOR REQUESTS AUTHORIZATION TO PLUG AND ABANDON THE SUBJECT WELL LOCATION. ATTACHED TO THIS SUNDRY NOTICE IS THE PLUG AND ABANDONMENT PROCEDURE.					
Accepted by the Utah Division of Oil, Gas and Mining		Date: June 07, 2010 By: 			
NAME (PLEASE PRINT) Andy Lytle		PHONE NUMBER 720 929-6100			
SIGNATURE N/A		TITLE Regulatory Analyst			
DATE 5/27/2010					

LOVE UNIT 1-11
 1340' FSL & 1340' FWL
 C/SW – Sec. 11 – T11S – R21E
 Uintah County, UT

KBE:	5670'	API NUMBER:	43-047-30617
GLE:	5658'	LEASE NUMBER:	U-008344A
TD:	8069'	WINS#:	72278
PBTD:	8069 (FC)	WI:	100.000000%
	6893' (A-2 PKR. W/PLUG)	NRI:	67.549022%
	6550' (CIBP)		
	5370' (Suspected CIBP)		

CASING: 17.5" hole
 13.625" 48# H-40 @ 342'
 Cemented with 360 sx Class H; TOC @ surface by calculation

12.25" hole
 8.625" 32# (0-40', 2040-2512') & 24# (40-2040') K-55 @ 2512'
 Cemented with 500 sx Class H (assumed); TOC @ ~1240' by calculation

7.875" hole
 4.5" 10.5# (0-6550') & 11.6# (6550-8069') K-55 @ 8069'
 Cemented with 2005 sx 50-50 Pozmix; TOC @ surface by calculation

No CBL was run for the intermediate or long strings, reports do not indicate cement circulated to surface. Bird's Nest is at ~800-900' in this area.

TUBING: 2.375" 4.7# J-55 tubing landed at 5272'

Tubular/Borehole	Drift	Collapse	Burst	Capacities		
				Gal./ft.	Cuft./ft.	Bbl./ft.
2.375" 4.7# J-55 tbg.	1.901	8100	7700	0.1626	0.02173	0.00387
4.5" 10.5# J/K-55 csg.	3.927	4010	4790	0.6698	0.0895	0.01594
4.5" 11.6# J/K-55 csg	3.875	4960	5350	0.6528	0.0872	0.01554
8.625" 24# K-55 csg	7.972	1780	2950	2.6749	0.3575	0.0636
8.625" 32# K-55 csg	7.796	2530	3930	2.5599	0.3422	0.0609
13.375" 48# H-40 csg	12.559	770	1730	6.5962	0.8817	0.157
Annular Capacities						
2.375" tbg. X 4.5" 10.5# csg.				0.4397	0.0587	0.01046
2.375" tbg. X 4.5" 11.6# csg.				0.4226	0.0565	0.01006
2.875" tbg. X 5.5" 17# csg.				0.6391	0.0854	0.01521
4.5" csg. X 8.625" 24# csg.				1.8487	0.2471	0.04401
4.5" csg. X 8.625" 32# csg.				1.7346	0.2318	0.0413
8.625" csg. X 13.375" 48# csg.				3.5616	0.476	0.0848
4.5" csg. X 7.875" hole				1.7052	0.2278	0.0406
8.625" csg. X 12.25" hole				3.087	0.4127	0.0735
13.375" X 17.5" hole				5.1954	0.6946	0.1237

GEOLOGIC INFORMATION:

Formation	Depth to top, ft.
Uinta	Surface
Green River	962'
Bird's Nest	1194'
Mahogany	1528'
Base of Parachute	2375'
Wasatch	3697'
Mesa Verde	6650

Tech. Pub. #92 Base of USDW's

USDW Elevation	~1700' MSL
USDW Depth	~3955' KBE

PERFORATIONS:

Formation	Date	Top	Bottom	SPF	Status	Formation	Date	Top	Bottom	SPF	Status
Wasatch		4772	4782	2	Open	Mesa Verde	Dec-79	6805		2	Excluded
Wasatch		5188	5204	2	Open	Mesa Verde	Dec-79	6979		1	Excluded
Wasatch		6296	6312	2	Excluded	Mesa Verde	Dec-79	6981		1	Excluded
Mesa Verde	Dec-79	6659		2	Excluded	Mesa Verde	Dec-79	6983		1	Excluded
Mesa Verde	Dec-79	6661		2	Excluded	Mesa Verde	Dec-79	6985		1	Excluded
Mesa Verde	Dec-79	6664		2	Excluded	Mesa Verde	Dec-79	7095		1	Excluded
Mesa Verde	Dec-79	6666		2	Excluded	Mesa Verde	Dec-79	7100		1	Excluded
Mesa Verde	Dec-79	6670		2	Excluded	Mesa Verde	Dec-79	7103		1	Excluded
Mesa Verde	Dec-79	6734		2	Excluded	Mesa Verde	Dec-79	7108		1	Excluded
Mesa Verde	Dec-79	6737		2	Excluded	Mesa Verde	Dec-79	7114		1	Excluded
Mesa Verde	Dec-79	6740		2	Excluded	Mesa Verde	Dec-79	7124		1	Excluded
Mesa Verde	Dec-79	6744		2	Excluded	Mesa Verde	Dec-79	7127		1	Excluded
Mesa Verde	Dec-79	6756		2	Excluded	Mesa Verde	Dec-79	7318		1	Excluded
Mesa Verde	Dec-79	6759		2	Excluded	Mesa Verde	Dec-79	7320		1	Excluded
Mesa Verde	Dec-79	6772		2	Excluded	Mesa Verde	Dec-79	7325		1	Excluded
Mesa Verde	Dec-79	6797		2	Excluded	Mesa Verde	Dec-79	7329		1	Excluded
Mesa Verde	Dec-79	6999		2	Excluded	Mesa Verde	Dec-79	7334		1	Excluded
Mesa Verde	Dec-79	6801		2	Excluded						

WELL HISTORY:

Completion - December 1979

- Cleaned out and spotted 750 gal 7.5% MSA across pay, then perforated the gross Mesa Verde interval 6979' through 7334'. Acidized with 2500 gal nitrified 7.5% MSA and ball sealers. Flow tested for several days, stabilized rate of ~55 MCFD.
- Fractured with 145700 gal gel containing 38000# 100 mesh and 248000# 20/40 mesh sand. Ran and set packer at 6893'. Flow tested at 76 MCFD, 5 BCPD, 85 BWPD.
- Frac had been RA tagged, so tagged with GR-Temp log at 7592', then logged with GR indicating all zones treated.
- Pulled equipment and landed A-2 packer with on/off tool at 6892'. Set plug in profile, released from packer and TOH. **This packer is apparently still in the hole.**
- Perforated the gross Mesa Verde interval 6659' through 6805', acidized with 5000 gal 15% HCl and ball sealers, then fractured with 122200 gal gel containing 323725# 20/40 mesh sand. Ran packer with on/off tool and set at 6514'.
- Tested 1122 MCFD, 1 BCPD, 52 BWPD, 11/64th choke on 1/19/1980.
- Cleaned out with CT to 6871'.

Recompletion #1– August 1980

- Set CIBP at 6550' and perforated the Wasatch interval 6296-6550'.
- Fractured with unknown volume of gel containing 110000# 20/40 sand.
- No other details in file.

Recompletion #2 – Unknown date

- Based on 5/2003 workover, apparently set a CIBP at 5370' and perforated 5188-5204'.
- No details available in file or DOGM database.

Recompletion #3 – Unknown date

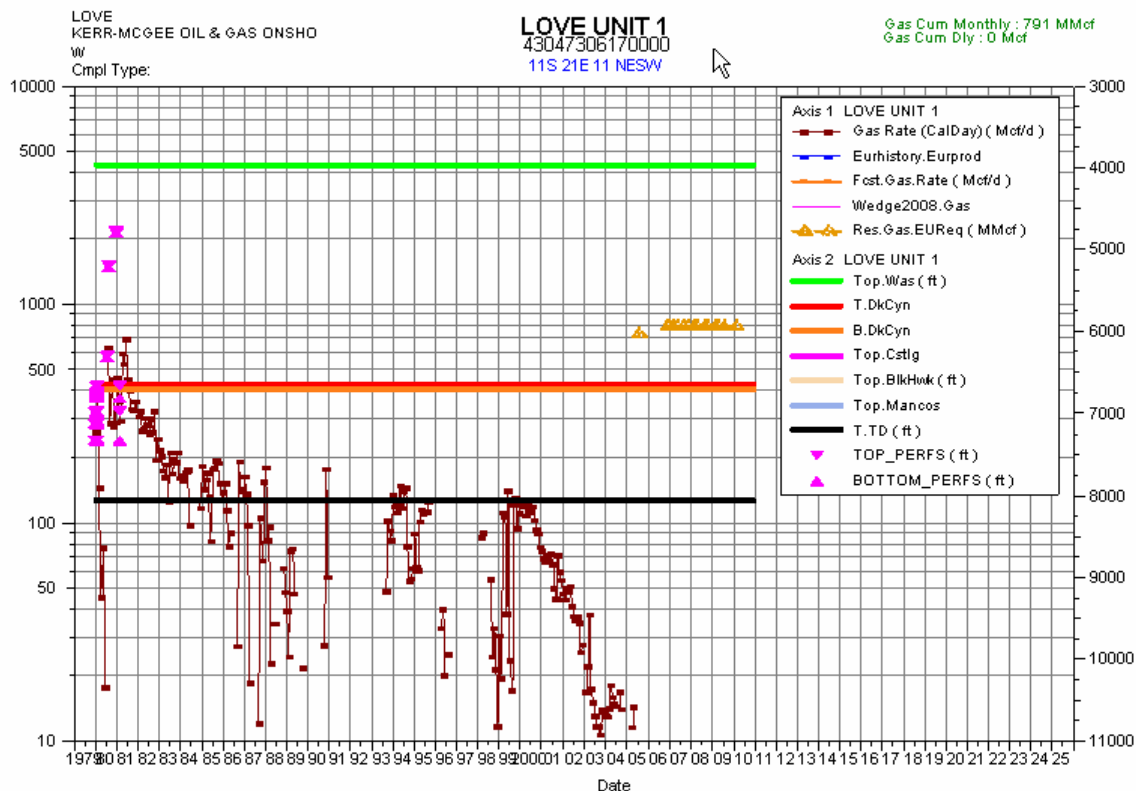
- Perforated the Wasatch interval 4772-4782'
- Acidized with 3000 gal 15% HCl and set packer at 4651'.
- Well kicked off at 1.2 MMCFD.
- No other details in the file.

Workover #1 – May 2003

- Pulled packer and attempted to clean out. Tagged obstruction at 5370' and had iron in returns. **Suspect this is an undocumented CIBP.**
- Landed tubing at 5272' and RTP.

REMARKS:

- This and other wells drilled by Cotton Petroleum have very poor documentation in Vernal and the DOGM database. It appears that they did not file required paperwork at all times and submitted inadequate paperwork when they did.
- No logs on file in Vernal office, no CBL reported in the completion report.



LOVE UNIT 1-11 PLUG & ABANDONMENT PROCEDURE

GENERAL

- H₂S MAY BE PRESENT. CHECK FOR H₂S AND TAKE APPROPRIATE PRECAUTIONS.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, YIELD 1.145 CUFT./SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESPONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME. WHEN SQUEEZING, INCLUDE 10% EXCESS PER 1000' OF DEPTH.
- BRINE WITH A MINIMUM DENSITY OF AT LEAST 9 PPG MUST BE PLACED BETWEEN ALL PLUGS. 10 PPG IS ASSUMED IN THIS PROCEDURE.
- ALL DISPLACEMENT FLUID SHALL CONTAIN CORROSION INHIBITOR AND BIOCIDES. PREMIX 5 GALLONS PER 100 BBLS FLUID.
- NOTIFY BLM/UDOGM 24 HOURS BEFORE MOVING ON LOCATION.

PROCEDURE

Note: An estimated 1,221 sx Class "G" cement needed for procedure

Note: No gyro has been run as of 5/26/10

1. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.
2. PULL TBG & LD SAME. RU WIRELINE AND MAKE A GAUGE RING RUN TO CHECK FOR FILL & TAG CIBP @ 5370'.
3. RUN CBL (WITH PRESSURE IF NEEDED) TO CONFIRM TOC (NO CBL IN WELL FILE OR IN STATE DATABASE).
NOTE: PROCEDURE IS WRITTEN ASSUMING NO CEMENT BEHIND PIPE W/ EXCEPTION ON INTERMEDIATE STRING (CMT F/ 2512' - 1240').
4. **PLUG #1, ISOLATE WASATCH PERFORATIONS (4772' - 5204'):** RIH W/ WIRELINE. RE-PERF @ 5204' W/ 4 SPF. POOH W/ WIRELINE. PU & RIH W/ 4 1/2" CICR, SET @ ~4720'. POOH W/ WIRELINE. RIH W/ TBG & STING INTO CICR & SQUEEZE PERFS W/ APPROXIMATELY 223.71 CUFT. (~195 SX, CALCULATION INCLUDES 47% EXCESS) OR SUFFICIENT VOLUME TO FILL CSG & BOREHOLE ANNULUS TO 4720'. STING OUT OF CICR AND SPOT 4.36 CUFT. (~4 SX) CMT ON TOP OF CICR. BRK CIRC W/ FRESH WATER. POOH ABOVE TOC (~4670'). REVERSE CIRCULATE W/ 10 PPG BRINE.
 - a. IF CBL CONFIRMS THERE IS CEMENT BEHIND PRODUCTION STRING AT THIS DEPTH, SET A 4 1/2" CIBP @ 4720', AND CAP W/ 4.36 CUFT (~4 SX) CEMENT. POOH ABOVE TOC (~4670'). REV CIRC W/ 10 PPG BRINE.
5. **PLUG #2, PROTECT BASE OF USDW (~3955') & TOP OF WASATCH (3697'):** POOH W/ TBG. RIH W/ WIRELINE, PERFORATE @ ~4055' W/ 4 SPF. POOH. PU & RIH W/ 4 1/2" CICR, SET @ ~3590'. POOH W/ WIRELINE. RIH W/ TBG & STING INTO CICR & SQUEEZE PERFS W/ APPROXIMATELY 205.08 CUFT. (~179 SX, CALCULATION INCLUDES 40% EXCESS) OR SUFFICIENT VOLUME TO FILL CSG & BOREHOLE ANNULUS TO ~3590'. STING OUT OF CICR AND SPOT 4.36 CUFT. (~4 SX) CMT ON TOP OF CICR. BRK CIRC W/ FRESH WATER. POOH ABOVE TOC (~3540'). REVERSE CIRCULATE W/ 10 PPG BRINE.
 - a. IF CBL CONFIRMS THERE IS CEMENT BEHIND PRODUCTION STRING AT THIS DEPTH, SET A BALANCED CEMENT PLUG F/ ~4055' - 3590', USING APPROXIMATELY 40.55 CUFT. (~35 SX) CEMENT. PUH ABOVE TOC. REV CIRC W/ 10 PPG BRINE. (465' COVERAGE)
6. **PLUG #3, INTERMEDIATE CASING STRING SHOE (2512'):** POOH W/ TBG. RIH W/ WIRELINE, PERFORATE @ ~2565' W/ 4 SPF. POOH. PU & RIH W/ 4 1/2" CICR, SET @ ~2410'. POOH W/ WIRELINE. RIH W/ TBG & STING INTO CICR & SQUEEZE PERFS W/ APPROXIMATELY 63.58 CUFT. (~56 SX, CALCULATION INCLUDES 25% EXCESS) OR SUFFICIENT VOLUME TO FILL CSG & BOREHOLE ANNULUS TO ~2410'. STING OUT OF CICR AND SPOT 4.36 CUFT. (~4 SX) CMT ON TOP OF CICR. BRK CIRC W/ FRESH WATER. POOH ABOVE TOC (~2360'). REVERSE CIRCULATE W/ 10 PPG BRINE.

- a. IF CBL CONFIRMS THERE IS CEMENT BEHIND PRODUCTION STRING AT THIS DEPTH, THIS PLUG CAN BE SKIPPED.
7. **PLUG #4, PROTECT BASE OF PARACHUTE MEMBER (~2375):** POOH W/ TBG. RIH W/ WIRELINE, **PERFORATE @ ~2475'** W/ 4 SPF. POOH. PU & RIH W/ 4 ½" CICR, **SET @ ~2275'**. POOH W/ WIRELINE. RIH W/ TBG & STING INTO CICR & SQUEEZE PERFS W/ **APPROXIMATELY 81.57 CUFT.** (~71 SX, CALCULATION INCLUDES 22% EXCESS) OR SUFFICIENT VOLUME TO **FILL CSG & ANNULUS TO ~2275'**. STING OUT OF CICR AND SPOT 4.36 CUFT. (~4 SX) CMT ON TOP OF CICR. BRK CIRC W/ FRESH WATER. POOH ABOVE **TOC (~2225')**. REVERSE CIRCULATE W/ 10 PPG BRINE.
- a. IF CBL CONFIRMS THERE IS CEMENT BEHIND PRODUCTION STRING AT THIS DEPTH, SET A BALANCED CEMENT PLUG F/ ~2475' - 2275', USING APPROXIMATELY 17.44 CUFT. (~16 SX) CEMENT. PUH ABOVE TOC. REV CIRC W/ 10 PPG BRINE. (200' COVERAGE).
8. **PLUG #5, PROTECT TOP OF MAHOGANY (~1528):** POOH W/ TBG. RIH W/ WIRELINE, **PERFORATE @ ~1630'** W/ 4 SPF. POOH. PU & RIH W/ 4 ½" CICR, **SET @ ~1420'**. POOH W/ WIRELINE. RIH W/ TBG & STING INTO CICR & SQUEEZE PERFS W/ **APPROXIMATELY 81.46 CUFT.** (~71 SX, CALCULATION INCLUDES 16% EXCESS) OR SUFFICIENT VOLUME TO **FILL CSG & ANNULUS TO ~1420'**. STING OUT OF CICR AND SPOT 4.36 CUFT. (~4 SX) CMT ON TOP OF CICR. BRK CIRC W/ FRESH WATER. POOH ABOVE **TOC (~1370')**. REVERSE CIRCULATE W/ 10 PPG BRINE.
- a. IF CBL CONFIRMS THERE IS CEMENT BEHIND PRODUCTION STRING AT THIS DEPTH, SET A BALANCED CEMENT PLUG F/ ~1630' - 1420', USING APPROXIMATELY 18.32 CUFT. (~16 SX) CEMENT. PUH ABOVE TOC. REV CIRC W/ 10 PPG BRINE. (210' COVERAGE).
9. **CUT 4 ½" CASING:** RIH & CUT 4 ½" CASING @ ~1300'. PULL AND LD SAME. SPOT 50' (~15 SX OR 16.72 CUFT.) CEMENT INSIDE CASING STUB & 4 ½" X 8 5/8" ANNULUS. PUH ABOVE TOC. REVERSE CIRCULATE W/ 10 PPG BRINE.
- a. IF THERE IS CEMENT BEHIND PRODUCTION CASING AT THIS DEPTH, SKIP THIS STEP, AND PLACE A BALANCED CEMENT PLUG ACROSS BIRD'S NEST AND GREEN RIVER TOPS INSTEAD OF STEP #10.
10. **PLUG #6, PROTECT TOP OF BIRD'S NEST (~1194) & TOP OF GREEN RIVER (962'):** POOH W/ TBG. RIH W/ WIRELINE, **PERFORATE 8 5/8" CSG @ ~1295'** W/ 4 SPF. POOH. PU & RIH W/ 8 5/8" CICR, **SET @ ~860'**. POOH W/ WIRELINE. RIH W/ TBG & STING INTO CICR & SQUEEZE PERFS W/ **APPROXIMATELY 321.53 CUFT.** (~281 SX, CALCULATION INCLUDES 12% EXCESS) OR SUFFICIENT VOLUME TO **FILL CSG & ANNULUS TO ~860'**. STING OUT OF CICR AND SPOT 4.36 CUFT. (~4 SX) CMT ON TOP OF CICR. BRK CIRC W/ FRESH WATER. POOH ABOVE **TOC (~810')**. REVERSE CIRCULATE W/ 10 PPG BRINE.
11. **PLUG #7, SURFACE SHOE (354' KB) & SURFACE HOLE:** POOH W/ TBG. RIH W/ WIRELINE, **PERFORATE @ 404'** W/ 4 SPF. POOH W/ WIRELINE. RU CEMENT SERVICE TO PROD CSG. PUMP 336.74 CUFT. (~294 SX) OR SUFFICIENT VOLUME TO FILL ANNULUS AND CASING TO SURFACE.
12. CUT OFF WELLHEAD AND INSTALL MARKER PER BLM GUIDELINES.
13. RDMO. TURN OVER TO OPERATIONS FOR SURFACE REHAB.

ALM 5/26/10

RECEIVED May 27, 2010

Love 1-11

KB12

Run CBL Tag CIBP@5370
procedural assumes no
cement behind pipe

Set CIBP 4720

CICK @ 4720 pty 5204

~~484~~ 484 x .2278

484 x .0872

109.97

42.21

152.18

71.53 47% excess

223.71 195 SX

484 x .0872 = 42.21 / 37 SX

#2 4055 - 3590

pty @ 4055 CICK @ 3590

405 x .2278

405 x .0872

105.93

40.55

146.48

58.60 40% excess

205.08 cft

179 SX

405 x .0872 = 40.55 35 SX

#3 shoe pty @ 2565

CICK @ 2410 155

155 x .0872 13.52

50 405 x .2278 11.39

105 x .2471 25.95

50.86

12.72 2590

63.58 56 SX

#4 pty @ 2475

CICK @ 2275

200 x .2471 49.42

200 x .0872 17.44

66.86

14.71 22% excess

81.57 / 71 SX

Love 1-11

cut
CIBP

342'
712
354'

GR 962

BN 1194

Mah 1528

Par 2375

2512

Was 3697

USDW 3455

TOP PRF 4772

CIBP 5370

CIBP WSD

MV WSD

prf
#6 1295 CICK 860

435 x .0872 37.94

435 x .2471 107.49

435 x .4127 179.53

524.96 287.02

34.45 39.12 139.04

305.96

321.53 / 281 SX

8069'

#5 pty @ 1630 CICK @ 1420

210 x .0872 18.32

210 x .2471 51.90

70.22

11.24

81.46 / 71 SX

70.22 + 16% ex

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

COPY

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

5. Lease Serial No. UTU8344A
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No. UTU63065A
8. Well Name and No. LOVE 1-11
9. API Well No. 43-047-30617
10. Field and Pool, or Exploratory NATURAL BUTTES
11. County or Parish, and State UINTAH COUNTY, UT

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	
2. Name of Operator KERR-MCGEE OIL&GAS ONSHORE, LP Contact: ANDY LYTLE E-Mail: andrew.lytle@anadarko.com	
3a. Address P.O. BOX 173779 DENVER, CO 80217	3b. Phone No. (include area code) Ph: 720-929-6100
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 11 T11S R21E NESW 1340FSL 1340FWL	

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA


TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input checked="" type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

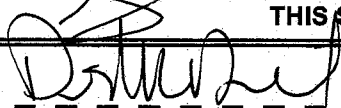
THE OPERATOR SUBMITTED A NOTICE OF INTENT SUNDRY REQUESTING BLM APPROVAL TO PLUG AND ABANDON THE SUBJECT WELL LOCATION ON 5/27/2010. THE OPERATOR RECEIVED APPROVAL TO PLUG AND ABANDON THIS WELL FROM THE BLM ON 6/23/2010. IN ADDITION TO THAT REQUEST, THE OPERATOR REQUESTS AUTHORIZATION TO RECLAIM THE SUBJECT WELL LOCATION AT THE CONCLUSION OF PLUGGING OPERATIONS. ATTACHED TO THIS SUNDRY NOTICE IS THE FINAL RECLAMATION PLAN FOR THIS WELL SITE.

COPY SENT TO OPERATOR

Date: 8.25.2010
Initials: KS

14. I hereby certify that the foregoing is true and correct. Electronic Submission #88627 verified by the BLM Well Information System For KERR-MCGEE OIL&GAS ONSHORE, LP, sent to the Vernal	
Name (Printed/Typed) ANDY LYTLE	Title REGULATORY ANALYST
Signature  (Electronic Submission)	Date 06/28/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By 	Title <u>Pet-Eng.</u>	Date <u>8/16/10</u>
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Federal Approval Of This Action is Necessary
Office <u>DOGM</u>		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED**

DIV. OF OIL, GAS & MINING

Love Unit 1-11 Final Reclamation Plan

Prepared by:
Anadarko Petroleum Corporation
June 2010



Introduction

The Love Unit 1-11 (API # 43-047-30617) is a conventional natural gas well located in Uintah County, UT approximately 18 miles south of the town of Ouray, UT. The location is in section 11 of township 11S range 21E.

Final Reclamation Objectives

After production and operations cease, the goal of final reclamation is to return the land to a condition that approximates that which existed prior to disturbance and maintain a stable and productive condition compatible with the land use. The long term objective of final reclamation is to set the course for eventual ecosystem restoration. These goals will be met by insuring short-term stability, visual, hydrological, and productivity objectives of the surface management agency. In taking the necessary steps to ensure those goals the long-term objectives will be reached through natural processes.

Site Preparation and Revegetation

Earthwork for final reclamation will be completed within six months of well plugging, if weather allows for such activities to take place. Disturbed areas will be revegetated after the site has been prepared. Site preparation will include respreading topsoil to an adequate depth and may also include ripping, tilling, disking on contour, dozer track-imprinting, and/or other accepted reclamation site preparation practices. Activities such as seeding and vegetation re-establishment must be completed within the appropriate season for such activities not necessarily immediately after earthwork has been completed. Fall seeding can be conducted after August 15 until ground frost. The long term objective of final reclamation is for eventual ecosystem restoration including the restoration of the natural vegetative community, hydrology and wildlife habitats. Following well plugging, well sites that do not blend with the surrounding landform will be re-contoured.

Well Site Reclamation

Following well plugging, all surface equipment will be removed. The Love Unit 1-11 will be re-contoured to blend with the surrounding landform and topography. Topsoil will be stripped before re-contouring and re-spread over the entire location.

Road Reclamation

All roads within the project area will be reclaimed unless the surface management agency or surface owner requests that they be left unreclaimed. Road reclamation will include recontouring and seeding and may also include ripping, scarifying or disking. The Love Unit 1-11 has approximately 1000ft of access road to be reclaimed.

Reclamation of Other Associated Facilities

There are no other associated facilities with this well requiring reclamation.

Soil Preparation

Soil preparation will be conducted using a disk for areas in need of more soil preparation following site preparation. This will provide primary soil tillage to a depth no greater than 6 inches. Prior to reseeding, compacted areas will be scarified by ripping or chiseling to loosen compacted soils. Scarification will promote water infiltration; improve soil aeration and root penetration.

Seed Mix and Seeding

Great Basin Wildrye	2.5
Indian Ricegrass (Nezpar)	0.5
Thickspike Wheat	2
Western Wheat	2
Bottlebrush Squirreltail	0.75
Munro Globemallow	0.25
Rocky Mtn beeplant	0.5
Western yarrow	0.25
Wyoming Sage	0.25
Fourwing Saltbush	1
Shadscale	0.25
Forage Kochia	0.25
Total	10.5

The Love Unit 1-11 will be seeded with a no-till rangeland style seed drill with a "picker box" in order to seed "fluffy" seed. In areas that drill seeding may not be the preferred method, the seed will be broadcast and then raked into the ground at double the rate of drill seeding. All seed will be certified and tags will be kept on hand by Anadarko Petroleum Corporation. Every effort will be made to obtain "cheat grass free seed".

Soil Amendments and Stabilization

Additional soil amendments and stabilization may be required on sites with poor soils and greater erosion potential. The following soil amendments may be used on this location:

Sustane is an organic fertilizer that will be applied at the rate 1,800 – 2,100 lbs/acre with seed. Sustane granulated slow release fertilizers replenish the soil with essential nutrients and a rich supply of humus as required for long term soil building and plant growth. Sustane can be dry broadcast or applied with hydro-seeding equipment.

Erosion Control

The slopes will be stabilized using materials specifically designed to prevent erosion in order to allow permanent establishment of vegetation. These materials will include, but are not limited to erosion control blankets, hydro-mulch, or soil amendments such as erosion control polymers

Monitoring

Monitoring of the Love Unit 1-11 will be completed annually during the growing season and actions to ensure reclamation success will be taken as needed. During the first 3 growing seasons an ocular methodology will be used to determine the success of the reclamation activities. During the 4th growing season a quantitative method of 200 point line intercept basal monitoring will be conducted in order to see if the reclaimed area has met 30% desirable basal cover when compared to the native vegetation. If 30% has not been met additional seeding/reclamation efforts may be necessary (Green River District Reclamation Guidelines). Monitoring will continue until the reclaimed area reaches 75% basal cover of desirable vegetation when compared to the undisturbed adjacent native vegetation.

All monitoring reports will be submitted to the Vernal BLM no later than March 31 of the year following the data collection. (Data collected in 2010 will be submitted in 2011 and so forth.) These reports will be submitted electronically in the form of a geodatabase for use in a geographic information system (GIS).

Noxious Weeds

Noxious weeds will be controlled as needed on the location. Monitoring and management of noxious and/or invasive weeds of concern will be completed

annually until the project is deemed successfully reclaimed by the surface management agency and/or owner according to the Anadarko Integrated Weed Management Plan. Noxious weed infestations will be mapped using a GPS unit and submitted to the BLM with information required in the Vernal BLM Surface Disturbance Weed Policy. If herbicide is to be applied it will be done according to an approved Pesticide Use Permit (PUP). Anadarko submits a field wide PUP annually, and this location will fall under the PUP. All pesticide applications will be recorded using a Pesticide Application Record (PAR) and will be submitted along with a Pesticide Use Report (PUR) annually prior to Dec. 31. All weed management will be done in accordance with the Vernal BLM Surface Disturbance Weed Policy.

Inspection and Final Abandonment Approval

When the Love Unit 1-11 has reached the final abandonment objectives, the operator will file a Final Abandonment Notice (FAN). Upon receipt of the FAN a site inspection will be completed by the management agency to ensure reclamation is fully successful and approve the FAN. The operator may request termination of the bond on the Final Abandonment Notice.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

COPY

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU8344A
2. Name of Operator KERR-MCGEE OIL&GAS ONSHORE, LP		6. If Indian, Allottee or Tribe Name
Contact: ANDY LYTLE E-Mail: andrew.lytle@anadarko.com		7. If Unit or CA/Agreement, Name and/or No. UTU63065A
3a. Address P.O. BOX 173779 DENVER, CO 80217	3b. Phone No. (include area code) Ph: 720-929-6100	8. Well Name and No. LOVE 1-11
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 11 T11S R21E NESW 1340FSL 1340FWL		9. API Well No. 43-047-30617
		10. Field and Pool, or Exploratory NATURAL BUTTES
		11. County or Parish, and State UINTAH COUNTY, UT


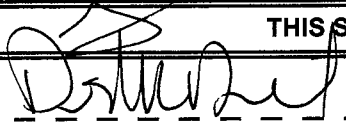
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input checked="" type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

THE OPERATOR SUBMITTED A NOTICE OF INTENT SUNDRY REQUESTING BLM APPROVAL TO PLUG AND ABANDON THE SUBJECT WELL LOCATION ON 5/27/2010. THE OPERATOR RECEIVED APPROVAL TO PLUG AND ABANDON THIS WELL FROM THE BLM ON 6/23/2010. IN ADDITION TO THAT REQUEST, THE OPERATOR REQUESTS AUTHORIZATION TO RECLAIM THE SUBJECT WELL LOCATION AT THE CONCLUSION OF PLUGGING OPERATIONS. ATTACHED TO THIS SUNDRY NOTICE IS THE FINAL RECLAMATION PLAN FOR THIS WELL SITE.

COPY SENT TO OPERATORDate: 8.25.2010Initials: KS

14. I hereby certify that the foregoing is true and correct. Electronic Submission #88627 verified by the BLM Well Information System For KERR-MCGEE OIL&GAS ONSHORE, LP, sent to the Vernal	
Name (Printed/Typed) ANDY LYTLE	Title REGULATORY ANALYST
Signature  (Electronic Submission)	Date 06/28/2010
THIS SPACE FOR FEDERAL OR STATE OFFICE USE	
Approved By 	Title <u>Pet-Eng.</u> Date <u>8/16/10</u>
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office <u>DoGm</u> Federal Approval Of This Action is Necessary
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.	

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED**

DIV. OF OIL, GAS & MINING

Love Unit 1-11 Final Reclamation Plan

Prepared by:
Anadarko Petroleum Corporation
June 2010



Introduction

The Love Unit 1-11 (API # 43-047-30617) is a conventional natural gas well located in Uintah County, UT approximately 18 miles south of the town of Ouray, UT. The location is in section 11 of township 11S range 21E.

Final Reclamation Objectives

After production and operations cease, the goal of final reclamation is to return the land to a condition that approximates that which existed prior to disturbance and maintain a stable and productive condition compatible with the land use. The long term objective of final reclamation is to set the course for eventual ecosystem restoration. These goals will be met by insuring short-term stability, visual, hydrological, and productivity objectives of the surface management agency. In taking the necessary steps to ensure those goals the long-term objectives will be reached through natural processes.

Site Preparation and Revegetation

Earthwork for final reclamation will be completed within six months of well plugging, if weather allows for such activities to take place. Disturbed areas will be revegetated after the site has been prepared. Site preparation will include respreading topsoil to an adequate depth and may also include ripping, tilling, disking on contour, dozer track-imprinting, and/or other accepted reclamation site preparation practices. Activities such as seeding and vegetation re-establishment must be completed within the appropriate season for such activities not necessarily immediately after earthwork has been completed. Fall seeding can be conducted after August 15 until ground frost. The long term objective of final reclamation is for eventual ecosystem restoration including the restoration of the natural vegetative community, hydrology and wildlife habitats. Following well plugging, well sites that do not blend with the surrounding landform will be re-contoured.

Well Site Reclamation

Following well plugging, all surface equipment will be removed. The Love Unit 1-11 will be re-contoured to blend with the surrounding landform and topography. Topsoil will be stripped before re-contouring and re-spread over the entire location.

Road Reclamation

All roads within the project area will be reclaimed unless the surface management agency or surface owner requests that they be left unreclaimed. Road reclamation will include recontouring and seeding and may also include ripping, scarifying or disking. The Love Unit 1-11 has approximately 1000ft of access road to be reclaimed.

Reclamation of Other Associated Facilities

There are no other associated facilities with this well requiring reclamation.

Soil Preparation

Soil preparation will be conducted using a disk for areas in need of more soil preparation following site preparation. This will provide primary soil tillage to a depth no greater than 6 inches. Prior to reseeding, compacted areas will be scarified by ripping or chiseling to loosen compacted soils. Scarification will promote water infiltration; improve soil aeration and root penetration.

Seed Mix and Seeding

Great Basin Wildrye	2.5
Indian Ricegrass (Nezpar)	0.5
Thickspike Wheat	2
Western Wheat	2
Bottlebrush Squirreltail	0.75
Munro Globemallow	0.25
Rocky Mtn beeplant	0.5
Western yarrow	0.25
Wyoming Sage	0.25
Fourwing Saltbush	1
Shadscale	0.25
Forage Kochia	0.25
Total	10.5

The Love Unit 1-11 will be seeded with a no-till rangeland style seed drill with a "picker box" in order to seed "fluffy" seed. In areas that drill seeding may not be the preferred method, the seed will be broadcast and then raked into the ground at double the rate of drill seeding. All seed will be certified and tags will be kept on hand by Anadarko Petroleum Corporation. Every effort will be made to obtain "cheat grass free seed".

Soil Amendments and Stabilization

Additional soil amendments and stabilization may be required on sites with poor soils and greater erosion potential. The following soil amendments may be used on this location:

Sustane is an organic fertilizer that will be applied at the rate 1,800 – 2,100 lbs/acre with seed. Sustane granulated slow release fertilizers replenish the soil with essential nutrients and a rich supply of humus as required for long term soil building and plant growth. Sustane can be dry broadcast or applied with hydro-seeding equipment.

Erosion Control

The slopes will be stabilized using materials specifically designed to prevent erosion in order to allow permanent establishment of vegetation. These materials will include, but are not limited to erosion control blankets, hydro-mulch, or soil amendments such as erosion control polymers

Monitoring

Monitoring of the Love Unit 1-11 will be completed annually during the growing season and actions to ensure reclamation success will be taken as needed. During the first 3 growing seasons an ocular methodology will be used to determine the success of the reclamation activities. During the 4th growing season a quantitative method of 200 point line intercept basal monitoring will be conducted in order to see if the reclaimed area has met 30% desirable basal cover when compared to the native vegetation. If 30% has not been met additional seeding/reclamation efforts may be necessary (Green River District Reclamation Guidelines). Monitoring will continue until the reclaimed area reaches 75% basal cover of desirable vegetation when compared to the undisturbed adjacent native vegetation.

All monitoring reports will be submitted to the Vernal BLM no later than March 31 of the year following the data collection. (Data collected in 2010 will be submitted in 2011 and so forth.) These reports will be submitted electronically in the form of a geodatabase for use in a geographic information system (GIS).

Noxious Weeds

Noxious weeds will be controlled as needed on the location. Monitoring and management of noxious and/or invasive weeds of concern will be completed

annually until the project is deemed successfully reclaimed by the surface management agency and/or owner according to the Anadarko Integrated Weed Management Plan. Noxious weed infestations will be mapped using a GPS unit and submitted to the BLM with information required in the Vernal BLM Surface Disturbance Weed Policy. If herbicide is to be applied it will be done according to an approved Pesticide Use Permit (PUP). Anadarko submits a field wide PUP annually, and this location will fall under the PUP. All pesticide applications will be recorded using a Pesticide Application Record (PAR) and will be submitted along with a Pesticide Use Report (PUR) annually prior to Dec. 31. All weed management will be done in accordance with the Vernal BLM Surface Disturbance Weed Policy.

Inspection and Final Abandonment Approval

When the Love Unit 1-11 has reached the final abandonment objectives, the operator will file a Final Abandonment Notice (FAN). Upon receipt of the FAN a site inspection will be completed by the management agency to ensure reclamation is fully successful and approve the FAN. The operator may request termination of the bond on the Final Abandonment Notice.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: U-8344
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME: LOVE
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: LOVE UNIT 1
PHONE NUMBER: 720 929-6007 Ext		9. API NUMBER: 43047306170000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1340 FSL 1340 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 11 Township: 11.0S Range: 21.0E Meridian: S		9. FIELD and POOL or WILDCAT: LOVE
		COUNTY: UINTAH
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/6/2010			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 THE OPERATOR HAS CONCLUDED THE PLUGGING OPERATIONS FOR THIS WELL ON 10/06/2010. THIS WELL IS NOW PLUGGED AND ABANDONED. PLEASE SEE ATTACHED PLUG AND ABANDONMENT CHRONOLOGICAL WELL HISTORY.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 October 12, 2010

NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 10/12/2010	

US ROCKIES REGION
Operation Summary Report

Well: LOVE UNIT 1-11				Spud Date:					
Project: UTAH-UINTAH				Site: LOVE UNIT 1-11				Rig Name No: DOUBLE HOOK/UNK	
Event: ABANDONMENT				Start Date: 9/30/2010				End Date:	
Active Datum: RKB @0.00ft (above Mean Sea Level)				UWI: LOVE UNIT 1-11					
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation	
9/30/2010	7:00 - 7:30	0.50	ALL	48		P		HSM, REVIEW JSA # 17 (SCANNING TBG) CHECK FOR H2S, O PPM	
	7:30 - 18:00	10.50	ALL	31	I	P		SICP. 0 PSI. SITP. 0 PSI. MIRU, ND WH, NU BOPS, RU FLOOR EQUIPMENT, RU SCAN TECH, POOH & INSPECTED 165 JTS. 2-3/8 J-55 TBG, FOUND 23 JTS. YELLOW BAND, 103 JTS. BLUE BAND, 39 JTS. RED BAND, RD SCAN TECH, RU MULTI-SHOT RAN GYRO SURVEY TO 5350', RD MULTI-SHOT, RU CUTTERS, RIH 3.625 GAUGE RING TO 5370', POOH WIRELINE, RD CUTTERS, SWI SDFN.	
10/1/2010	7:00 - 7:30	0.50	ALL	48		P		HSM, REVIEW JSA # 9 (TRIPPING IN TBG)	
	7:30 - 12:00	4.50	ALL	41	A	P		CP. 0 PSI. RU CUTTERS, RIH, RAN CBL TO SURFACE, FOUND TOC @ 3830', POOH WIRELINE, RIH W/ 4-1/2 CIBP & SET @ 4720', POOH WIRELINE, RD CUTTERS, RIH W/ NOTCH COLLAR & 147 JTS. 2-3/8 J-55 TBG, TAG 4720, PU 2-8' PUPS, EOT @ 4710'.	
	12:00 - 17:30	5.50	ALL	51	B	P		RU PRO PETRO ROLL HOLE W/ 70 BBLS T-MAC, TEST CSG TO 500 PSI. NO TEST, PUMPING 1 BPM @ 400 PSI, PLUG #1 PUMP 2.7 BBLS FRESH WTR, 2.5 BBLS CLASS G CMT @ 15.8 PPG 1.15 YEILD, 13.8 CU.FT (12 SKS), 1 BBL FRESH WTR, DISPLACE W/ 16.5 BBLS T-MAC, TOC @ 4556', POOH TBG, RU CUTTERS, RIH W/ 3-1/8 CSG GUN & PERFORATE @ 3800', POOH WIRELINE, RIH 4-1/2 CIRC & 111 JTS. 2-3/8 J-55 TBG, SET CIRC 3594'. EST INJ RATE @ 1 BPM @ 400 PSI. STING OUT &, PRESSURE TEST CSG DIDN'T HOLD, CIRC UP 4-1/2- 8-5/8 ANNULUS, STING IN. PLUG #2 PUMP 5 BBLS FRESH WTR, 37.6 BBLS CLASS G CMT @ 15.8 PPG 1.15 YEILD, 211.6 CU FT (184 SKS), DISPLACE W/ 12.9 BBLS T-MAC, STING OUT DISPLACE 5 SKS ABOVE RET, END W/ .7 BBL, TOC @ 3525, USED 196 SKS PREMIUM NEAT G CMT, POOH W/ 2-3/8 TBG & STINGER. SWI, SDFWE.	
10/4/2010	7:00 - 7:30	0.50	ALL	48		P		HSM, REVIEW JSA #6 (L/D TBG ON TRAILER)	
	7:30 - 17:00	9.50	ALL	51	C	P		SICP. 0 PSI. RU CUTTERS, RIH W/ 3-1/8 CSG GUN & PERFORATE @ 2565' W/ 4 SPF, RD CUTTERS, PU & RIH 4-1/2 CIRC W/ 75 JTS, SET CIRC @ 2410', PLUG # 3 & 4, FILL HOLE W/ 10 BBLS T-MAC, PSI TEST TO 500 PSI, HELD, PUMP 5 BBLS FRESH WTR, 31.7 BBLS CLASS G CMT @ 15.8 PPG, 1.15 YIELD, (15.5 SKS) DISPLACE W/ 6.25 BBLS, STING OUT FINISH BALANCE W/ 2.2 BBLS, 3 BBLS CMT ON TOP OF RET, TOC 2217', POOH 2-3/8 TBG, RU CUTTERS, PLUG # 5 RIH W/ 3-1/8 CSG GUN & PERFORATE @ 1630' W/ 4 SPF, RD CUTTERS, RIH 4-1/2 CIRC & 44 JTS 2-3/8 TBG & STE CIRC @ 1420', FILL HOLE, PUMP 5 BBLS FRESH WTR, 15.6 BBLS, CLASS G CMT @ 15.8 PPG, 1.15 YIELD, (76 SKS) DISPLACE W/ 4.4 BBLS, STING OUT, DISPLACE W/ .8 BBL. TOC 1370', POOH 44 JTS. & STINGER, RU CUTTERS, RIH & CHEMICAL CUT 4-1/2 CSG @ 1310', RD CUTTERS, REMOVE BOLTS F/ CSG HEAD, RU FRANK'S WESTATES, POOH 29 JTS. 4-1/2 CSG ON TRAILER, W/ 10' & 20' PIECES SWI SDFN.	

US ROCKIES REGION
Operation Summary Report

Well: LOVE UNIT 1-11					Spud Date:				
Project: UTAH-UINTAH			Site: LOVE UNIT 1-11				Rig Name No: DOUBLE HOOK/UNK		
Event: ABANDONMENT			Start Date: 9/30/2010				End Date:		
Active Datum: RKB @0.00ft (above Mean Sea Level)				UWI: LOVE UNIT 1-11					
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation	
10/5/2010	7:00 - 7:30	0.50	ALL	48		P		HSM, REVIEW JSA # 9	
	7:30 - 17:00	9.50	ALL	31	I	P		FILL HOLE W/ 16 BBLS T-MAC, RU CUTTERS TO RUN CBL ON 8-5/8 CSG F/ 1200' TO SURFACE, RD CUTTERS, PU MULE SHOE & RIH W/ 42 JTS. ATTEMPTEDTO STAB INSIDE 4-1/2 CSG, UNSUCCESSFUL, POOH TBG, RIH 1/2COLLAR MULE SHOE, W/ 42 JTS. TBG, TRY AGAIN UNSUCCESSFUL, POOH TBG, RU CUTTERS, RIH W/ 4" CSG GUN & PERFORATED 8-5/8 CSG @ 1295' W/ 4 SPF, RD CUTTERS, PU 8-5/8 CICR & 27 JTS. 2-3/8 TBG, SET 8-5/8 CICR @ 878', STING OUT, ROLL HOLE W/ 55 BBLS, STING IN PLUG #6 PUMP 5 BBLS FRESH WTR, 61.6 BBLS CLASS G CMT, @ 15.8 PPG, 1.15 YIELD, (300 SKS), DISPLACE W/ 2.3 BBLS T-MAC, STING OUT, DISPLACE W/ .9 BBL T-MAC, POOH LD 27 JTS. 2-3/8 TBG ON TRAILER & STINGER, RU CUTTERS, RIH W/ 4" CSG GUN & PERFORATED @ 404' W/ 4 SPM, RD CUTTERS, FILL HOLE W/ 16 BBLS, BROKE CIRC, PUMP 10 BBLS FRESH WTR, 425 SKS CLASS G CMT, LOST CIRC @ 55 BBLS CMT, PUMP 40% EXCESS, NO DISPLACEMENT, RDMO, DUG WH, SWI SDFN	
10/6/2010	7:00 - 10:30	3.50	ABAND	51	B	P		NO PRESSURE ON WELL, DIG OUT AROUND WELL HEAD, CUT CSG OFF 6' BELOW GROUND LEVEL, TOP OF CEMENT @ 120' DN, TOP OFF CSG W/ CEMENT W/ HOLDING, WELD ON DRY HOLE MARKER, COVER UP WELL, WELL IS P&A, MOVED OFF,	